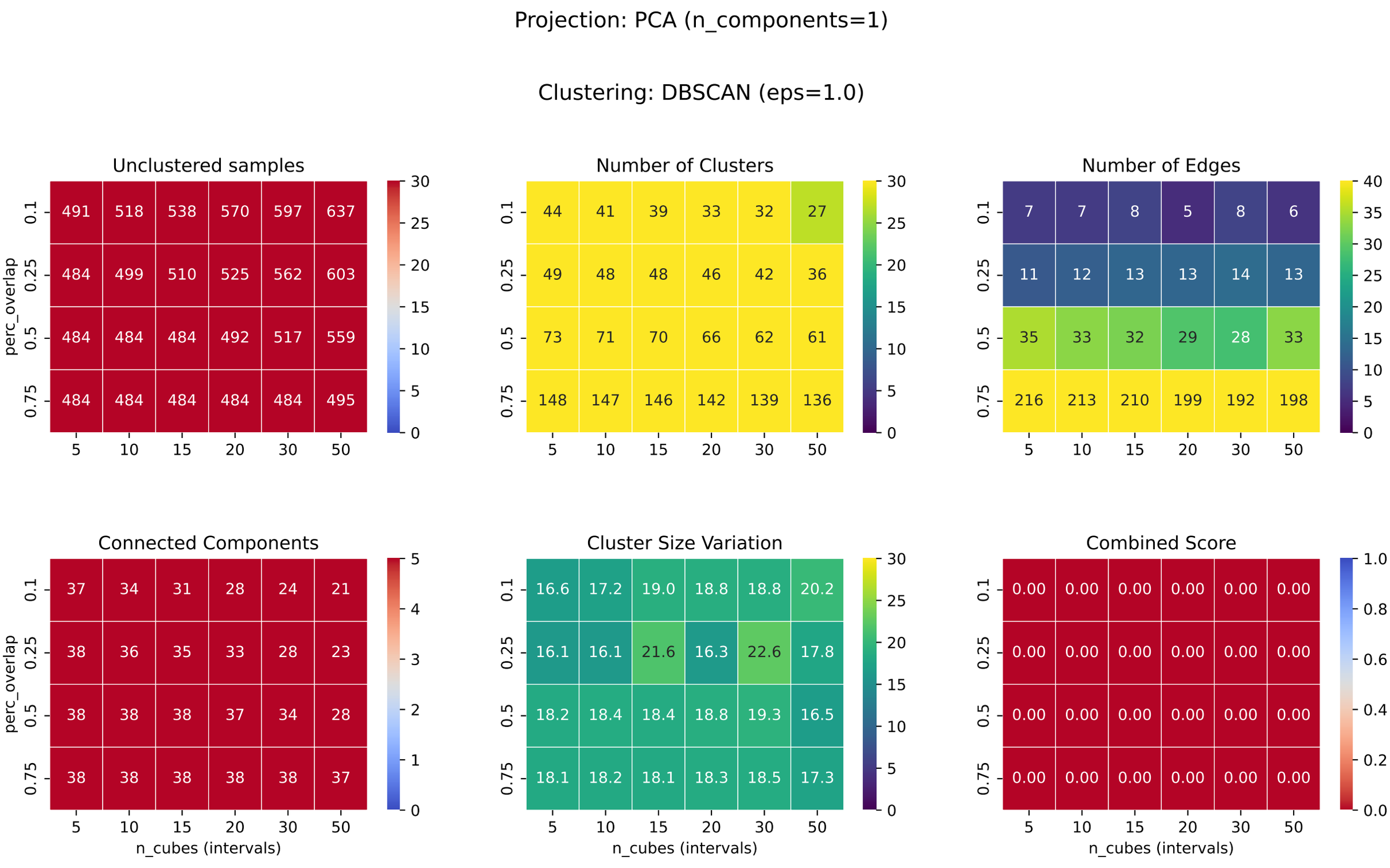
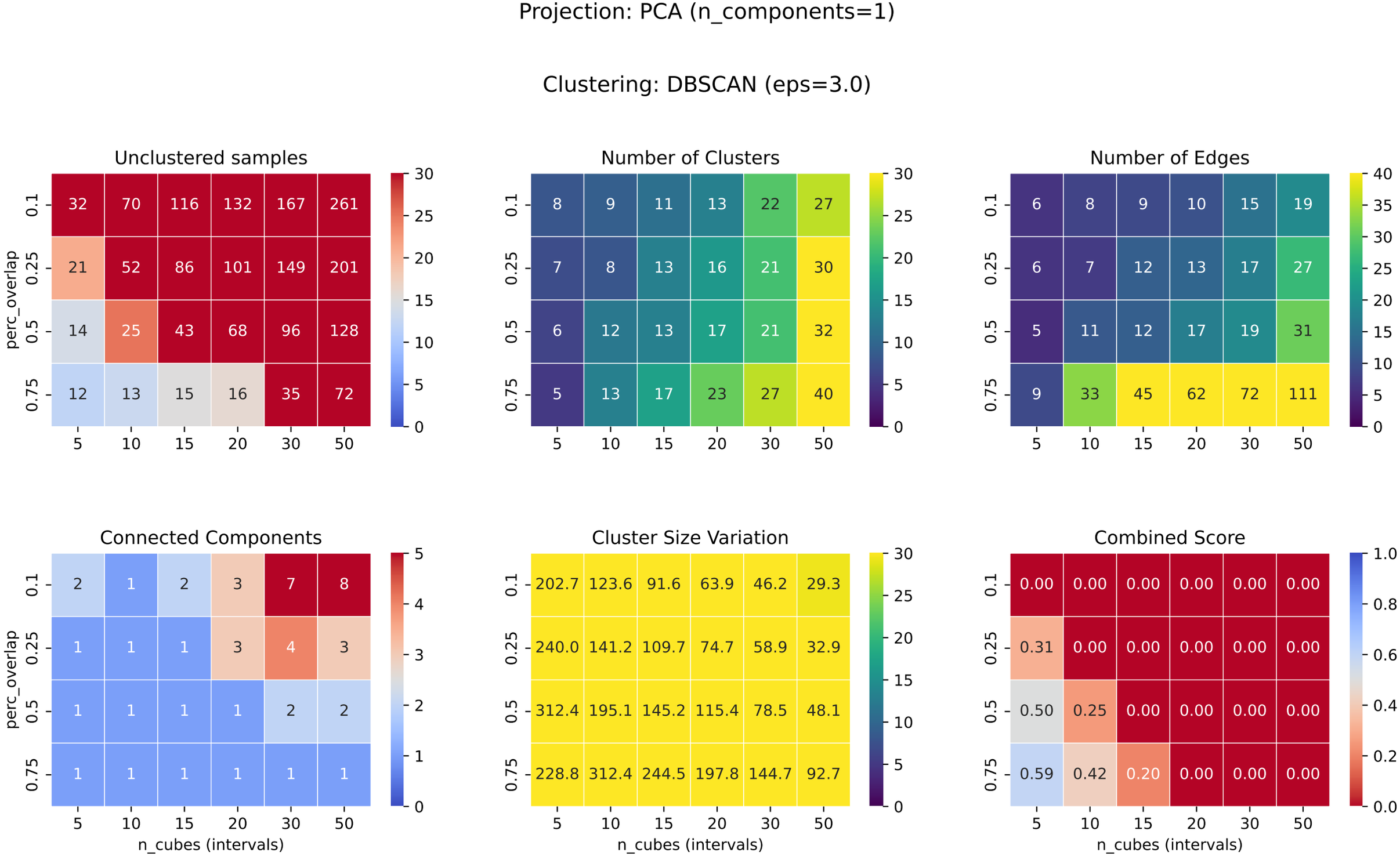
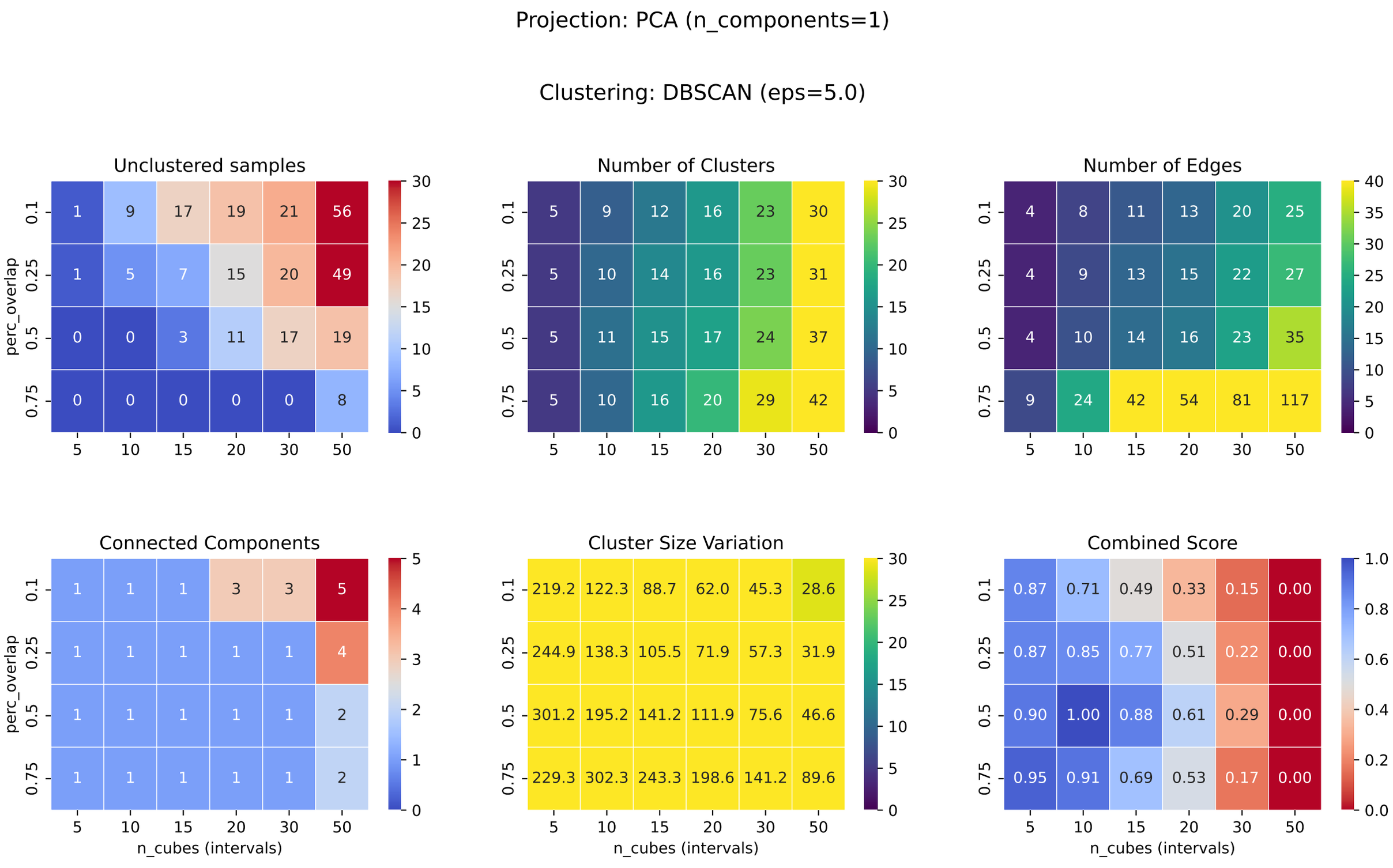
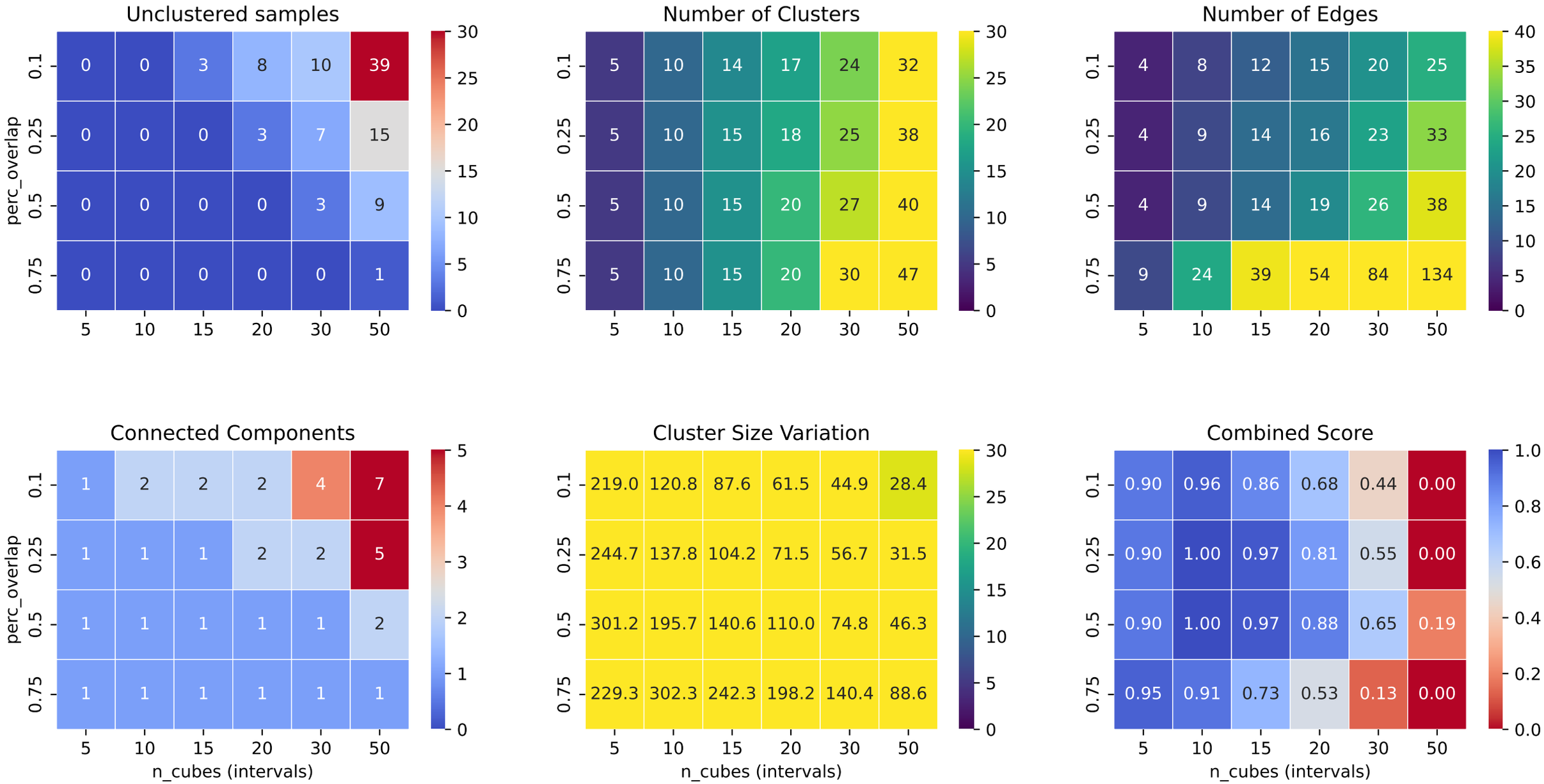

Projection: PCA (n_components=1)
Clustering: DBSCAN (eps=1.0)
Unclustered samples
491 518 538 570 597 637
484 499 510 525 562 603
484 484 484 492 517 559
484 484 484 484 484 495
Number of Clusters
44 41 39 33 32 27
49 48 48 46 42 36
73 71 70 66 62 61
148 147 146 142 139 136
Number of Edges
7 7 8 5 8 6
11 12 13 13 14 13
35 33 32 29 28 33
216 213 210 199 192 198
Connected Components
37 34 31 28 24 21
38 36 35 33 28 23
38 38 38 37 34 28
38 38 38 38 38 37
Cluster Size Variation
16.6 17.2 19.0 18.8 18.8 20.2
16.1 16.1 21.6 16.3 22.6 17.8
18.2 18.4 18.4 18.8 19.3 16.5
18.1 18.2 18.1 18.3 18.5 17.3
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
perc_overlap
0.1
0.25
0.5
0.75
5 10 15 20 30 50
n_cubes (intervals)


Projection: PCA (n_components=1)
Clustering: DBSCAN (eps=3.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
32 70 116 132 167 261
21 52 86 101 149 201
14 25 43 68 96 128
12 13 15 16 35 72
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
8 9 11 13 22 27
7 8 13 16 21 30
6 12 13 17 21 32
5 13 17 23 27 40
0 5 10 15 20 25 30
Number of Edges
6 8 9 10 15 19
6 7 12 13 17 27
5 11 12 17 19 31
9 33 45 62 72 111
0 5 10 15 20 25 30 35 40
Connected Components
2 1 2 3 7 8
1 1 1 3 4 3
1 1 1 1 2 2
1 1 1 1 1 1
0 1 2 3 4 5
n_cubes (intervals)
Cluster Size Variation
202.7 123.6 91.6 63.9 46.2 29.3
240.0 141.2 109.7 74.7 58.9 32.9
312.4 195.1 145.2 115.4 78.5 48.1
228.8 312.4 244.5 197.8 144.7 92.7
0 5 10 15 20 25 30
n_cubes (intervals)
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
0.31 0.00 0.00 0.00 0.00 0.00
0.50 0.25 0.00 0.00 0.00 0.00
0.59 0.42 0.20 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0
n_cubes (intervals)


Projection: PCA (n_components=1)
Clustering: DBSCAN (eps=5.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
1 9 17 19 21 56
1 5 7 15 20 49
0 0 3 11 17 19
0 0 0 0 0 8
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
5 9 12 16 23 30
5 10 14 16 23 31
5 11 15 17 24 37
5 10 16 20 29 42
Number of Edges
4 8 11 13 20 25
4 9 13 15 22 27
4 10 14 16 23 35
9 24 42 54 81 117
0 5 10 15 20 25 30 35 40
Connected Components
1 1 1 3 3 5
1 1 1 1 1 4
1 1 1 1 1 2
1 1 1 1 1 2
0 1 2 3 4 5
Cluster Size Variation
219.2 122.3 88.7 62.0 45.3 28.6
244.9 138.3 105.5 71.9 57.3 31.9
301.2 195.2 141.2 111.9 75.6 46.6
229.3 302.3 243.3 198.6 141.2 89.6
Combined Score
0.87 0.71 0.49 0.33 0.15 0.00
0.87 0.85 0.77 0.51 0.22 0.00
0.90 1.00 0.88 0.61 0.29 0.00
0.95 0.91 0.69 0.53 0.17 0.00
0.0 0.2 0.4 0.6 0.8 1.0
n_cubes (intervals)

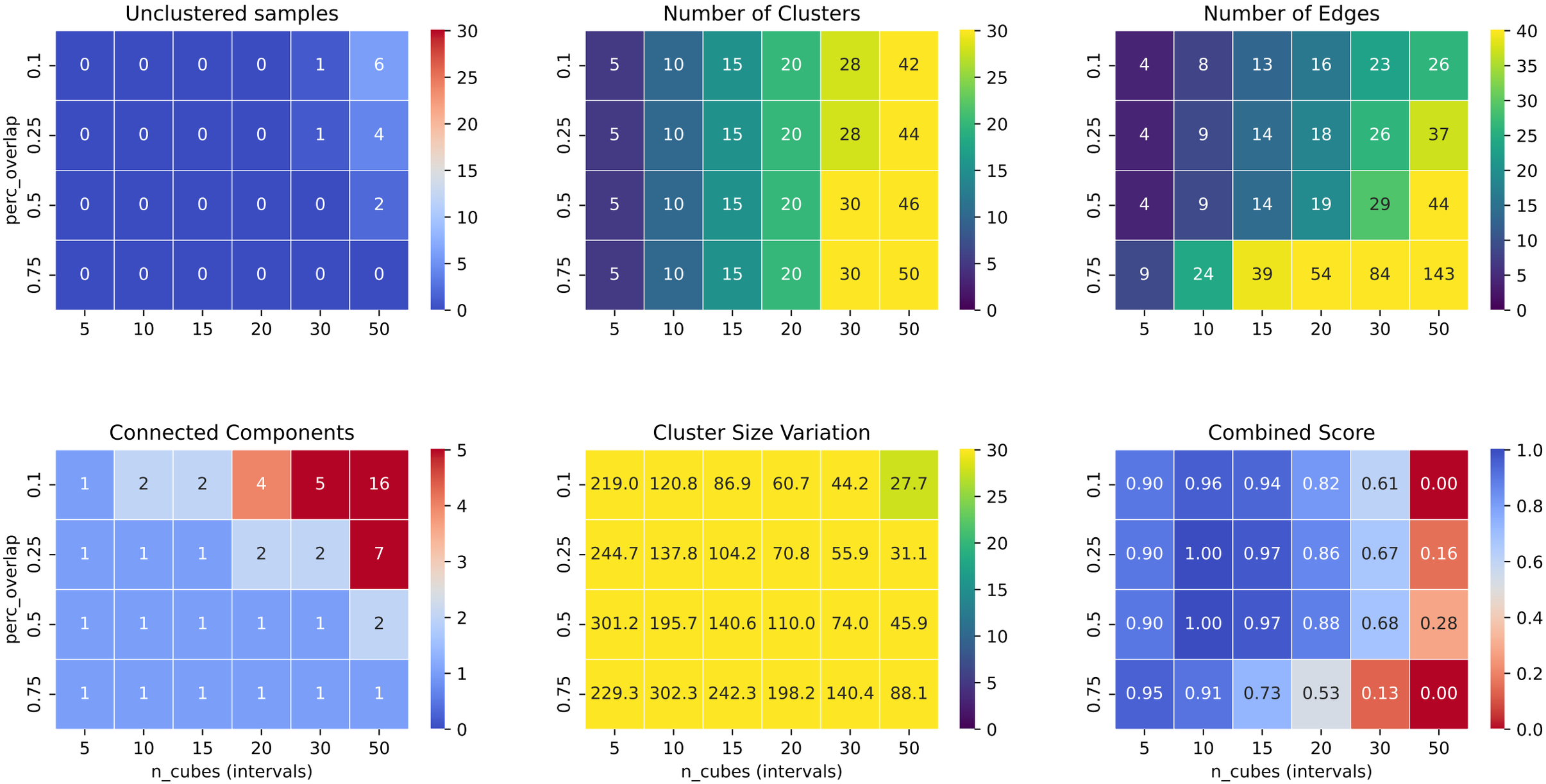
Projection: PCA (n_components=1)

Clustering: DBSCAN (eps=10.0)



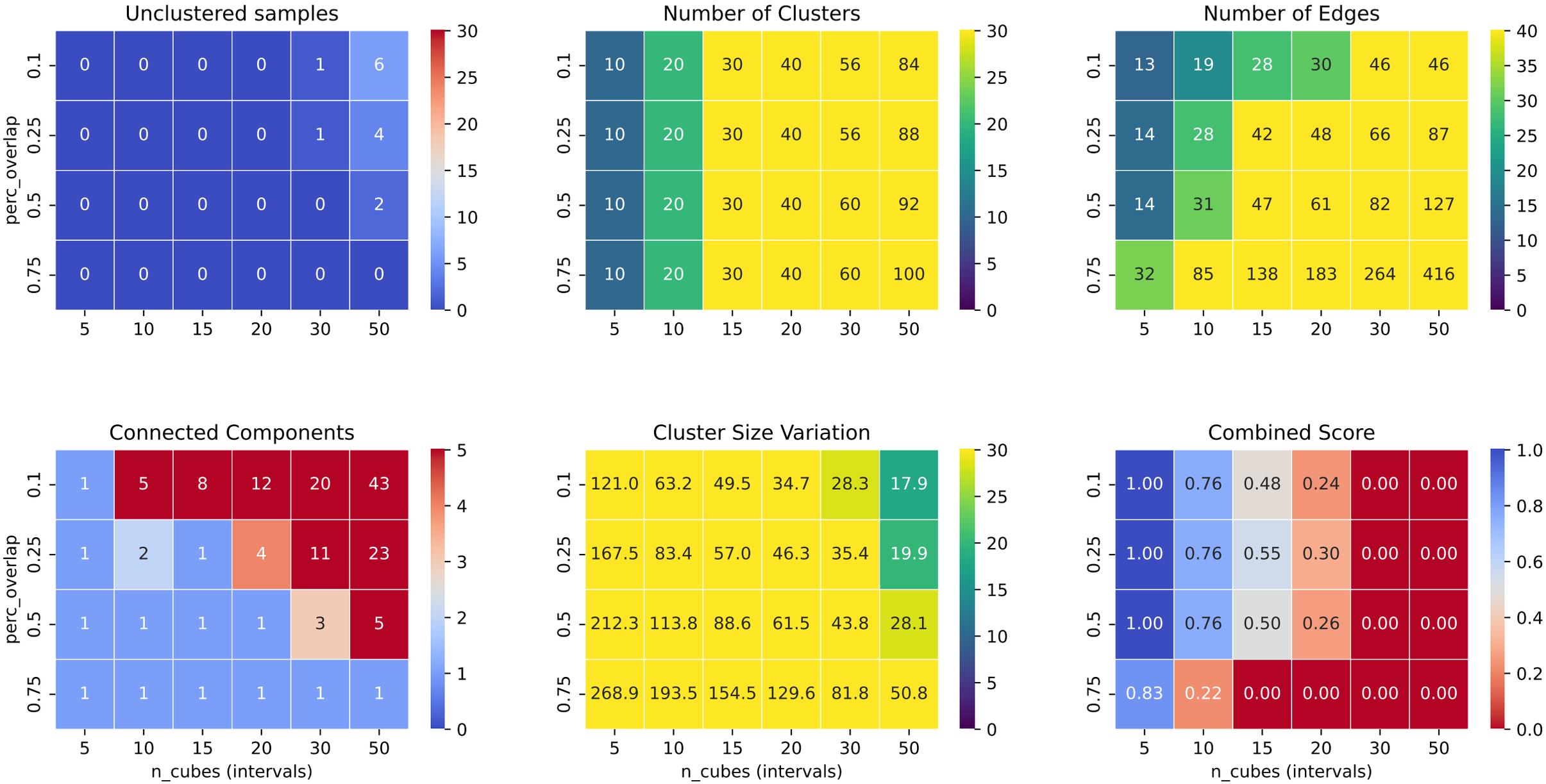
Projection: PCA (n_components=1)

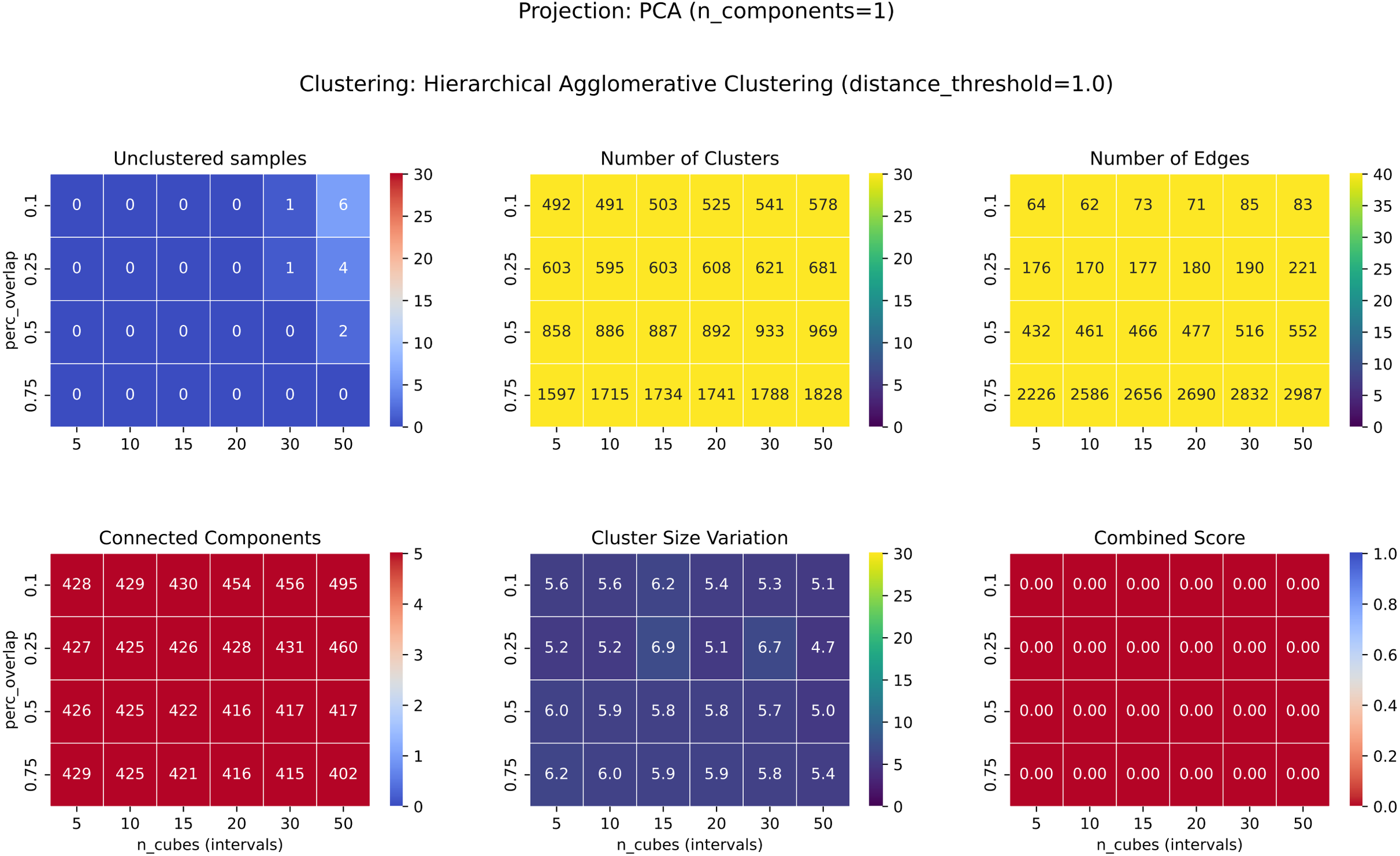
Clustering: Bayesian Gaussian Mixture (n_components=1)



Projection: PCA (n_components=1)

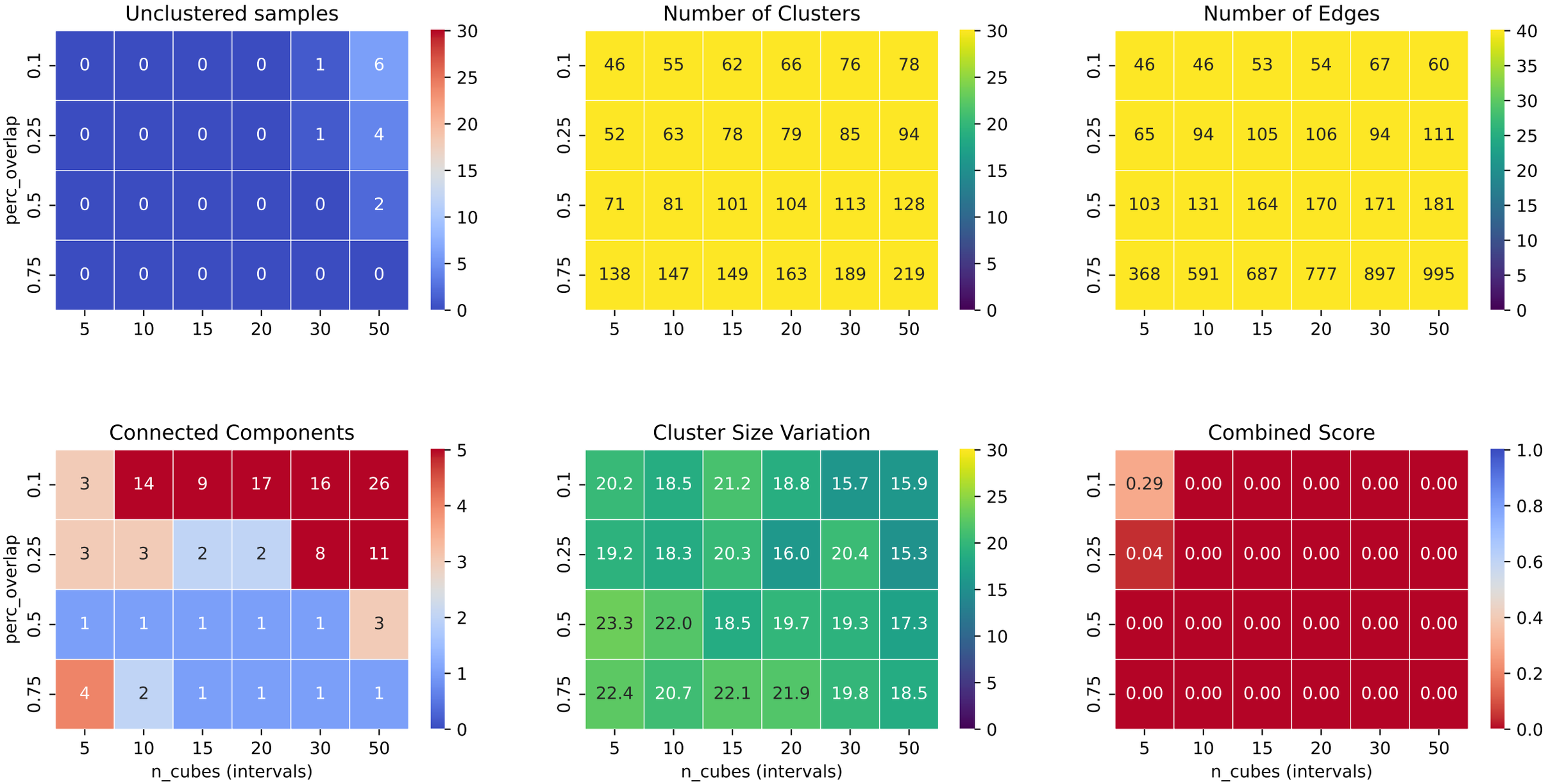
Clustering: Bayesian Gaussian Mixture (n_components=2)




Projection: PCA (n_components=1)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=1.0)
Unclustered samples
0 0 0 0 1 6
0 0 0 0 1 4
0 0 0 0 0 2
0 0 0 0 0 0
Number of Clusters
492 491 503 525 541 578
603 595 603 608 621 681
858 886 887 892 933 969
1597 1715 1734 1741 1788 1828
Number of Edges
64 62 73 71 85 83
176 170 177 180 190 221
432 461 466 477 516 552
2226 2586 2656 2690 2832 2987
Connected Components
428 429 430 454 456 495
427 425 426 428 431 460
426 425 422 416 417 417
429 425 421 416 415 402
Cluster Size Variation
5.6 5.6 6.2 5.4 5.3 5.1
5.2 5.2 6.9 5.1 6.7 4.7
6.0 5.9 5.8 5.8 5.7 5.0
6.2 6.0 5.9 5.9 5.8 5.4
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
perc_overlap
0.1
0.25
0.5
0.75
5 10 15 20 30 50
n_cubes (intervals)

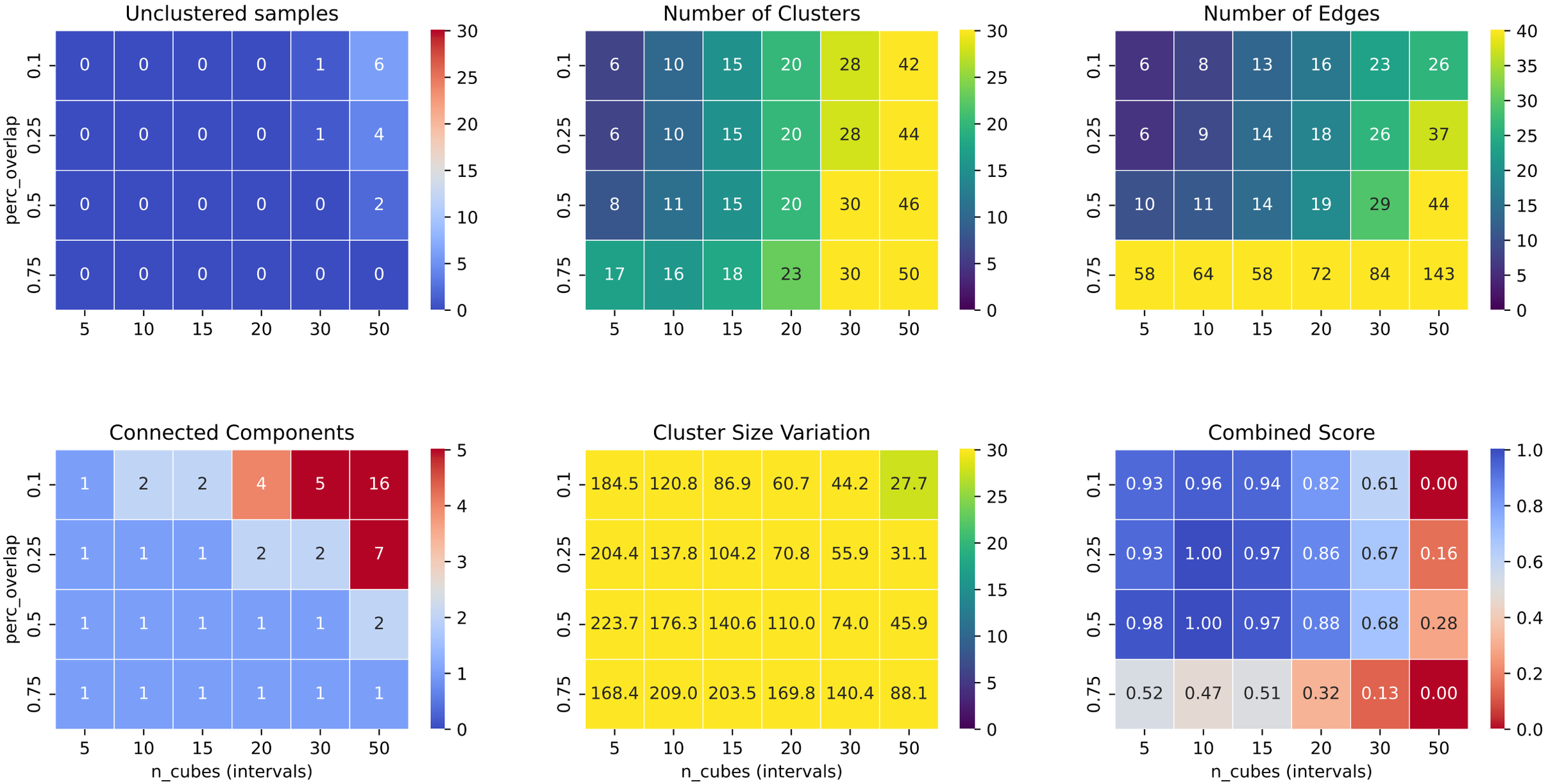
Projection: PCA (n_components=1)

Clustering: Hierarchical Agglomerative Clustering (distance_threshold=10.0)



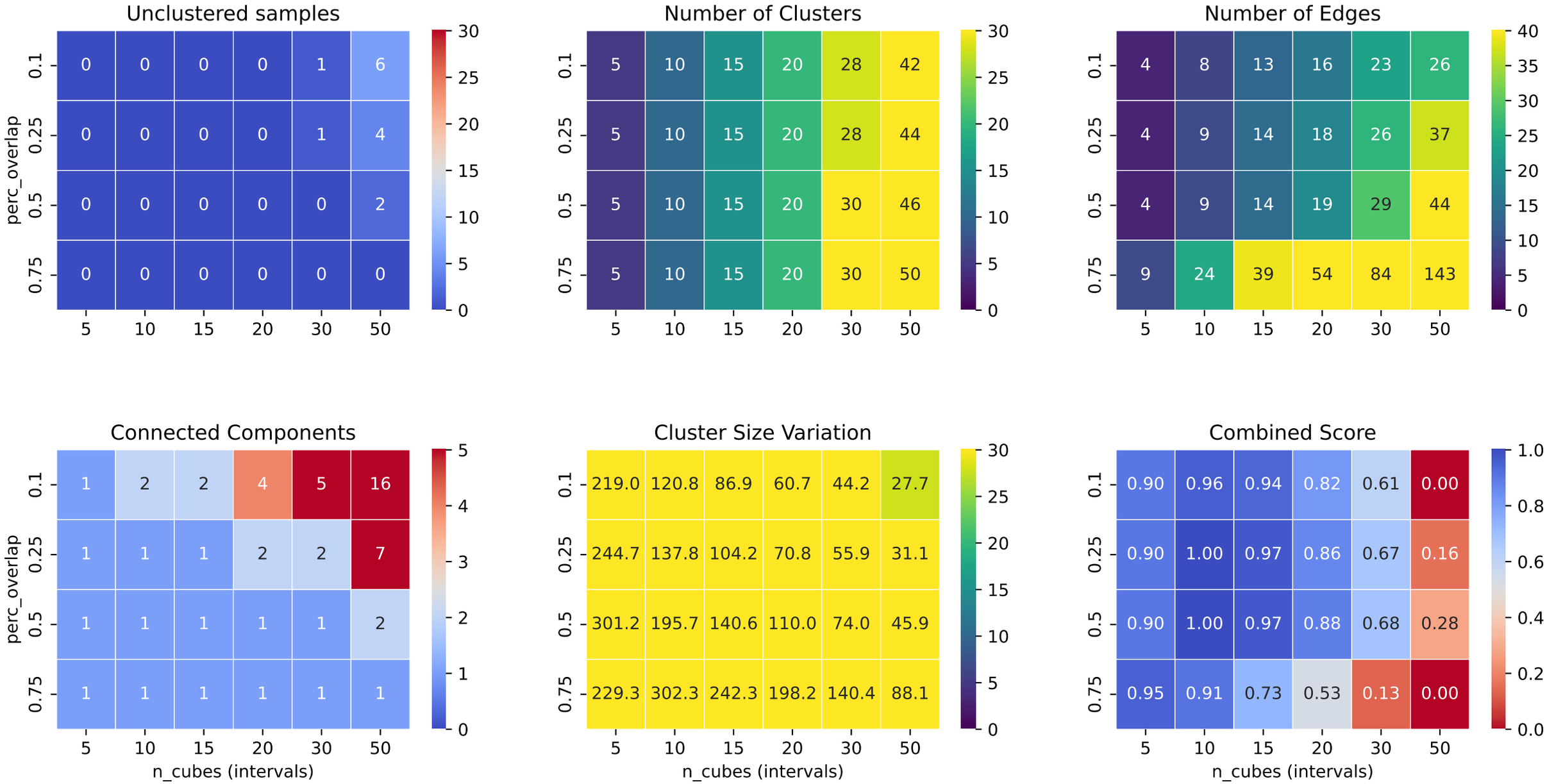
Projection: PCA (n_components=1)

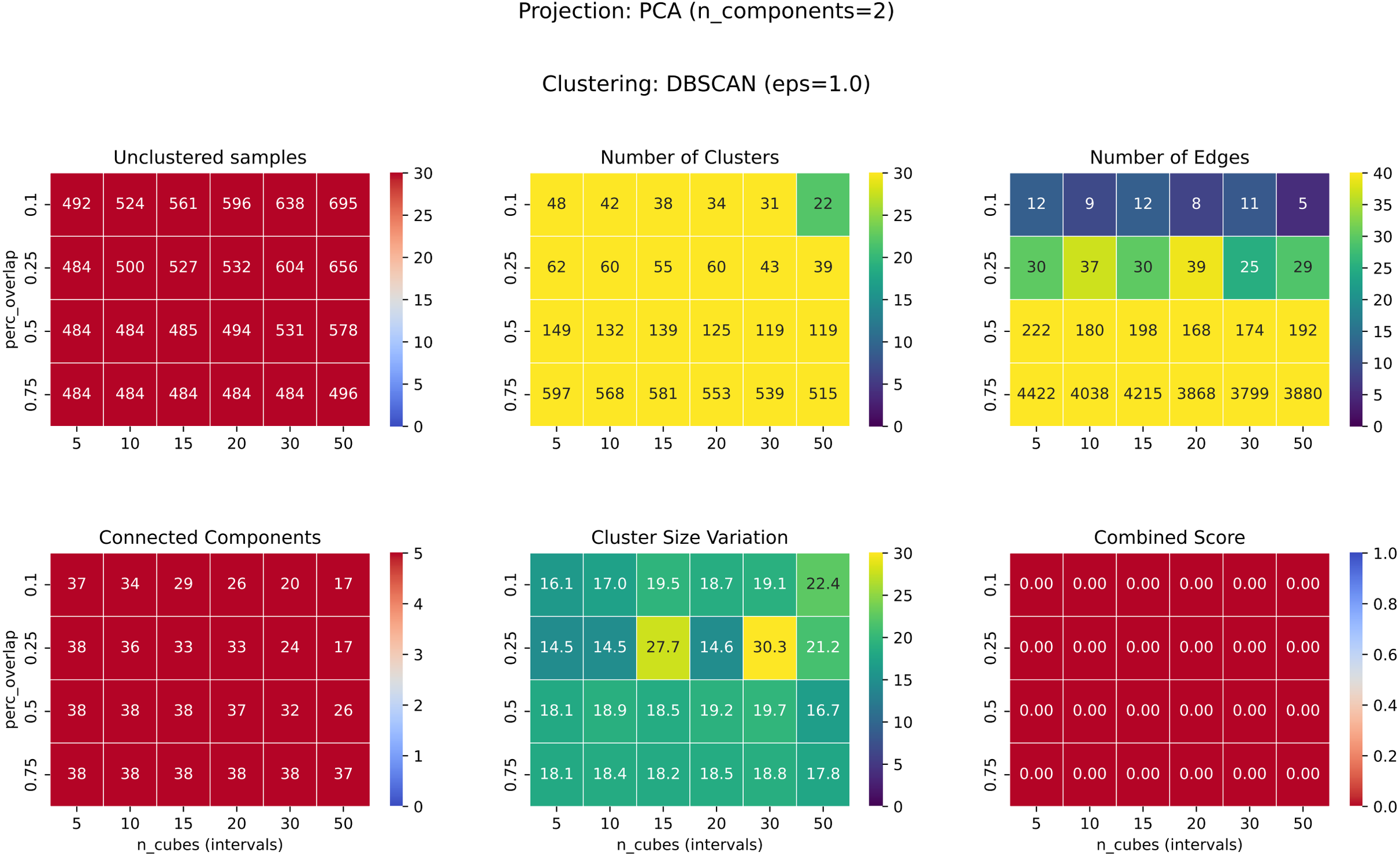
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=30.0)



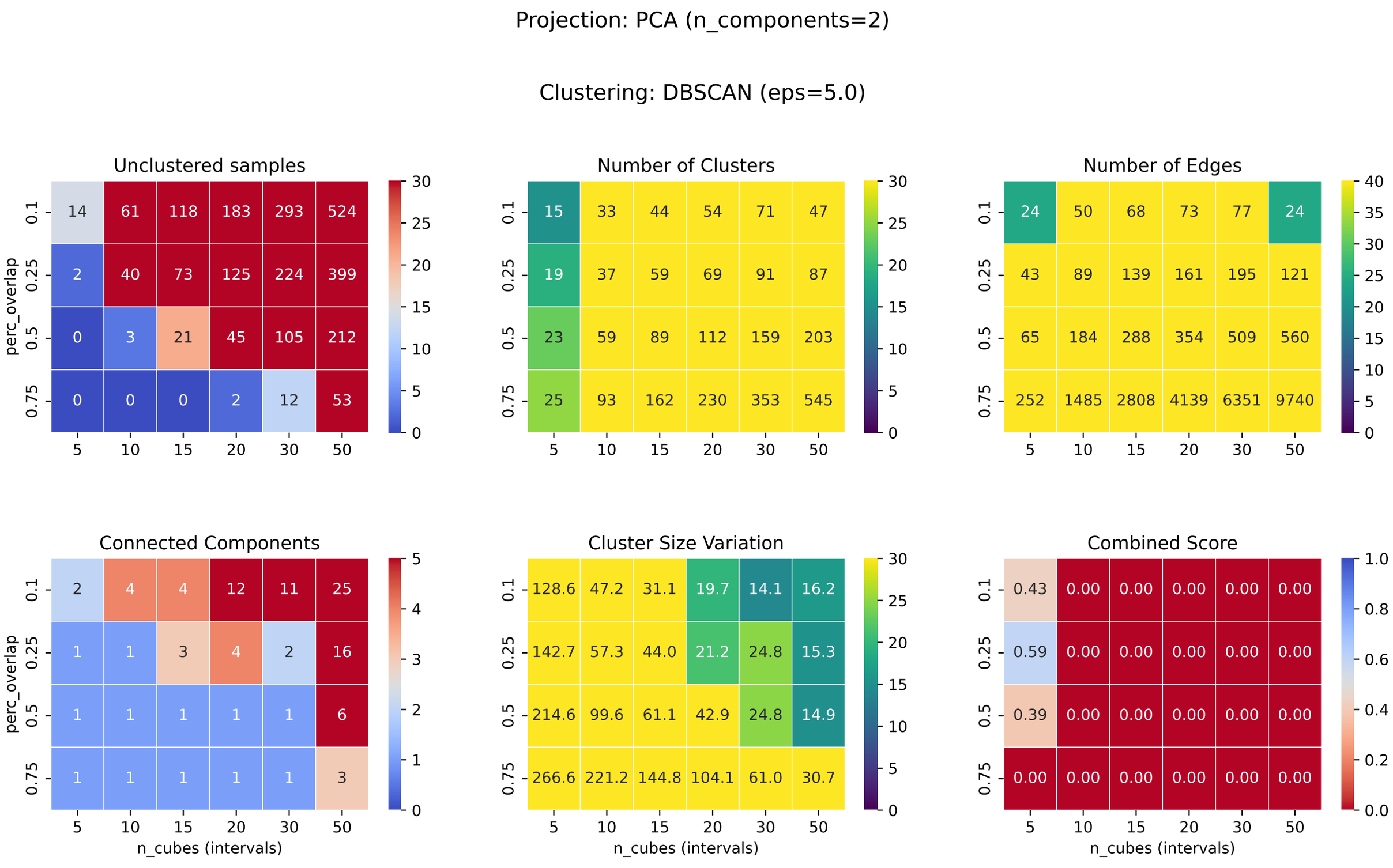
Projection: PCA (n_components=1)

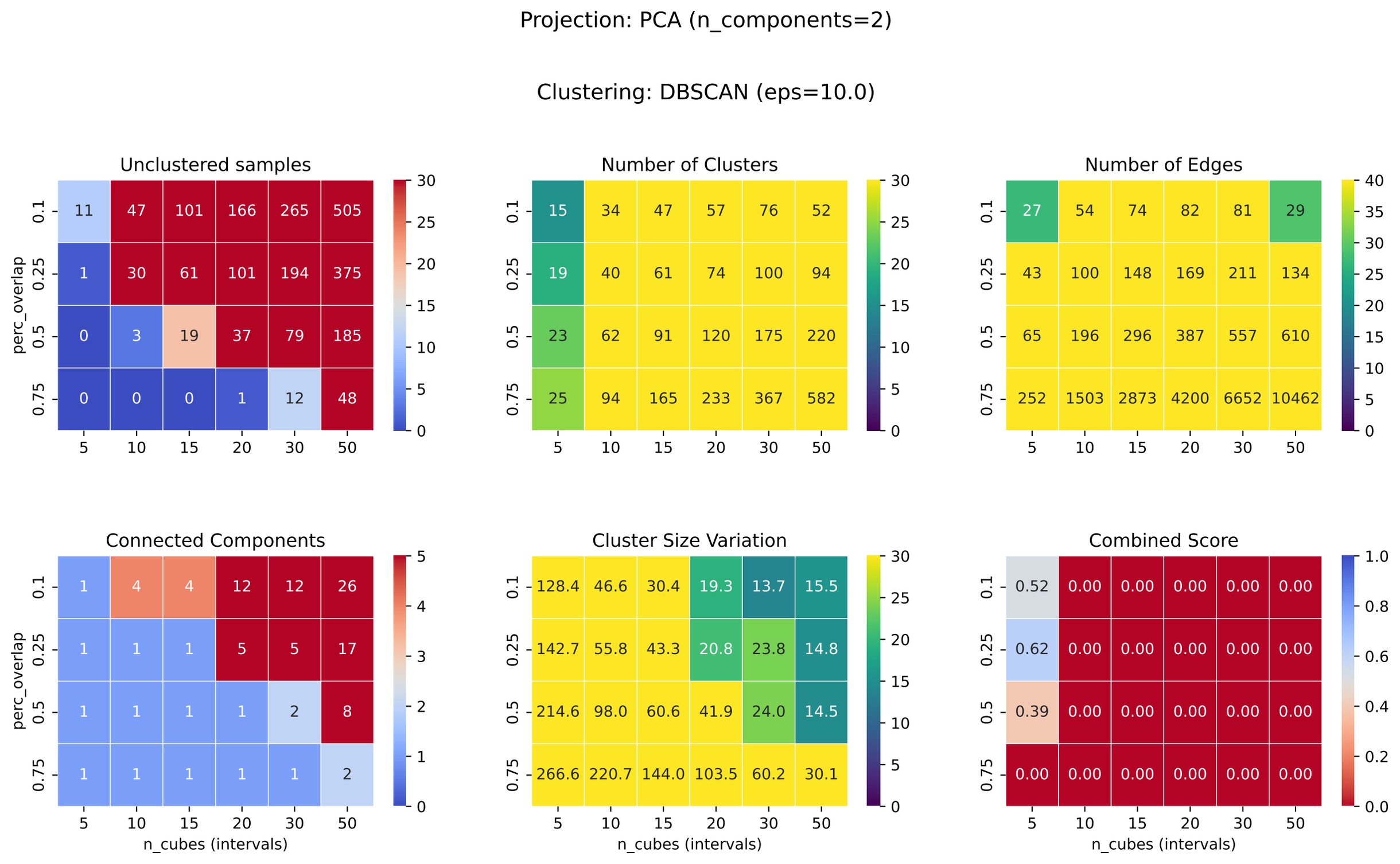
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=50.0)

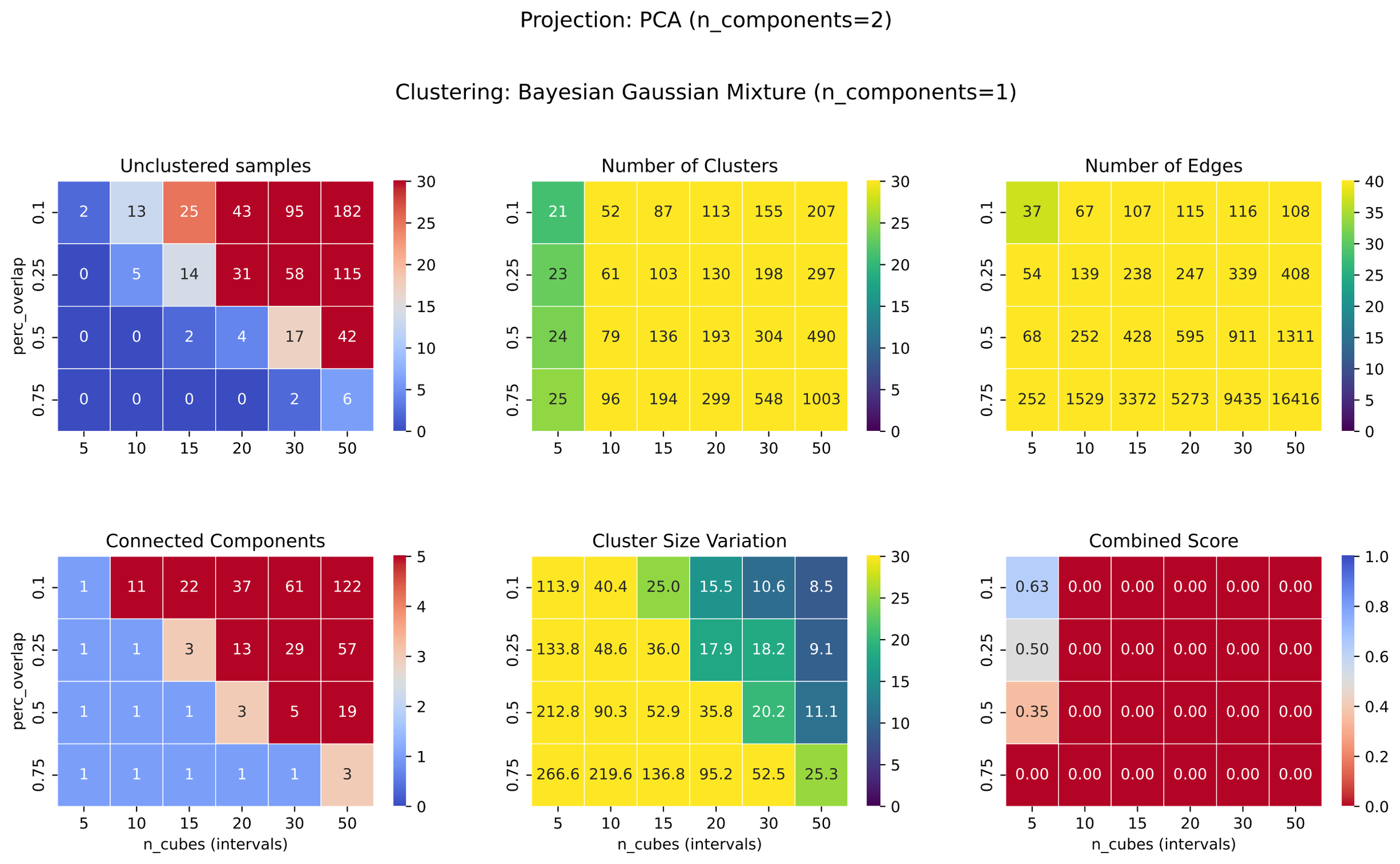


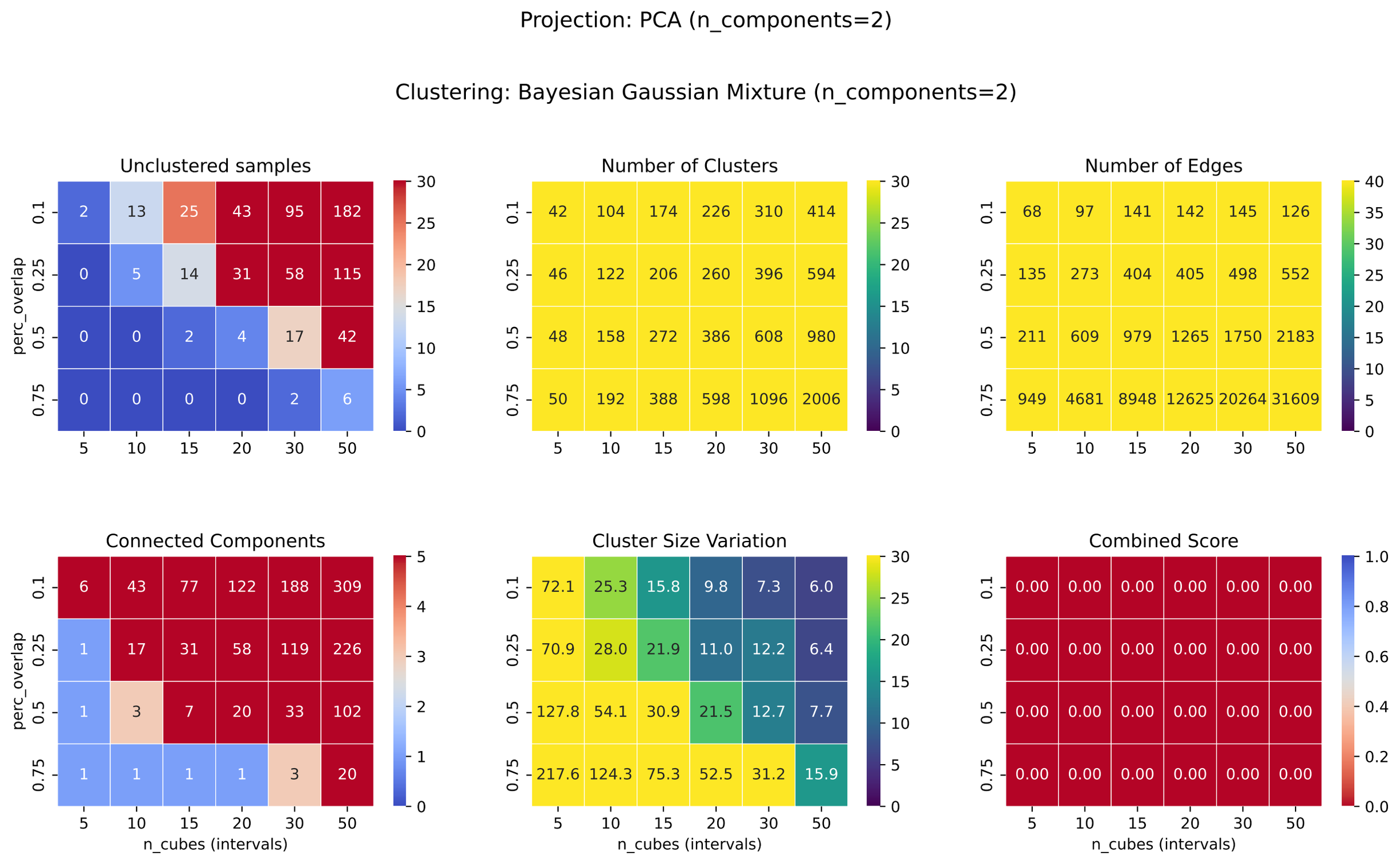

Projection: PCA (n_components=2)
Clustering: DBSCAN (eps=1.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
492 524 561 596 638 695
484 500 527 532 604 656
484 484 485 494 531 578
484 484 484 484 484 496
5 10 15 20 30 50
30 25 20 15 10 5 0
Number of Clusters
48 42 38 34 31 22
62 60 55 60 43 39
149 132 139 125 119 119
597 568 581 553 539 515
Number of Edges
12 9 12 8 11 5
30 37 30 39 25 29
222 180 198 168 174 192
4422 4038 4215 3868 3799 3880
40 35 30 25 20 15 10 5 0
Connected Components
37 34 29 26 20 17
38 36 33 33 24 17
38 38 38 37 32 26
38 38 38 38 38 37
n_cubes (intervals)
5 4 3 2 1 0
Cluster Size Variation
16.1 17.0 19.5 18.7 19.1 22.4
14.5 14.5 27.7 14.6 30.3 21.2
18.1 18.9 18.5 19.2 19.7 16.7
18.1 18.4 18.2 18.5 18.8 17.8
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
1.0 0.8 0.6 0.4 0.2 0.0

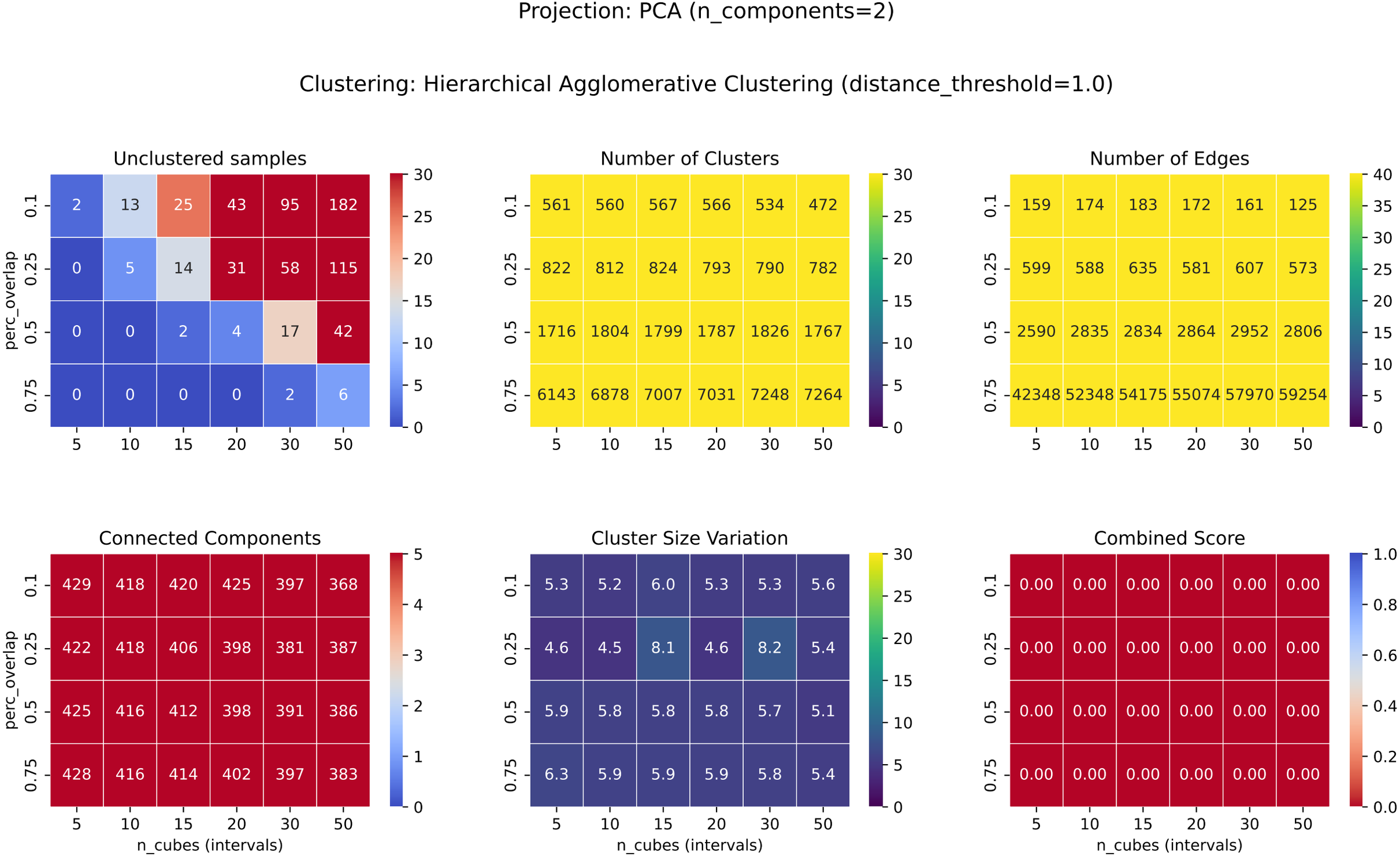
Projection: PCA (n_components=2)
Clustering: DBSCAN (eps=3.0)
Unclustered samples
perc_overlap
0.1 59 133 275 390 490 643
0.25 32 89 180 272 413 580
0.5 14 33 74 106 219 392
0.75 12 13 15 19 59 122
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
0.1 14 34 31 37 46 28
0.25 16 34 47 57 63 48
0.5 29 57 81 99 121 148
0.75 25 98 169 213 309 456
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Edges
0.1 17 41 40 48 27 9
0.25 34 76 99 115 96 42
0.5 82 168 247 301 351 323
0.75 252 1508 2781 3495 5251 7181
5 10 15 20 30 50
0 5 10 15 20 25 30 35 40
Connected Components
perc_overlap
0.1 3 9 8 5 21 20
0.25 1 2 1 7 9 17
0.5 1 1 2 1 3 10
0.75 1 1 1 1 1 3
5 10 15 20 30 50
n_cubes (intervals)
0 1 2 3 4 5
Cluster Size Variation
0.1 131.9 46.8 35.4 22.2 16.9 20.5
0.25 150.8 59.0 48.0 22.3 29.1 20.0
0.5 203.0 101.5 63.4 45.1 27.1 16.8
0.75 265.9 218.6 143.5 107.5 64.1 32.7
5 10 15 20 30 50
n_cubes (intervals)
0 5 10 15 20 25 30
Combined Score
0.1 0.00 0.00 0.00 0.00 0.00 0.00
0.25 0.00 0.00 0.00 0.00 0.00 0.00
0.5 0.00 0.00 0.00 0.00 0.00 0.00
0.75 0.00 0.00 0.00 0.00 0.00 0.00
5 10 15 20 30 50
n_cubes (intervals)
0.0 0.2 0.4 0.6 0.8 1.0

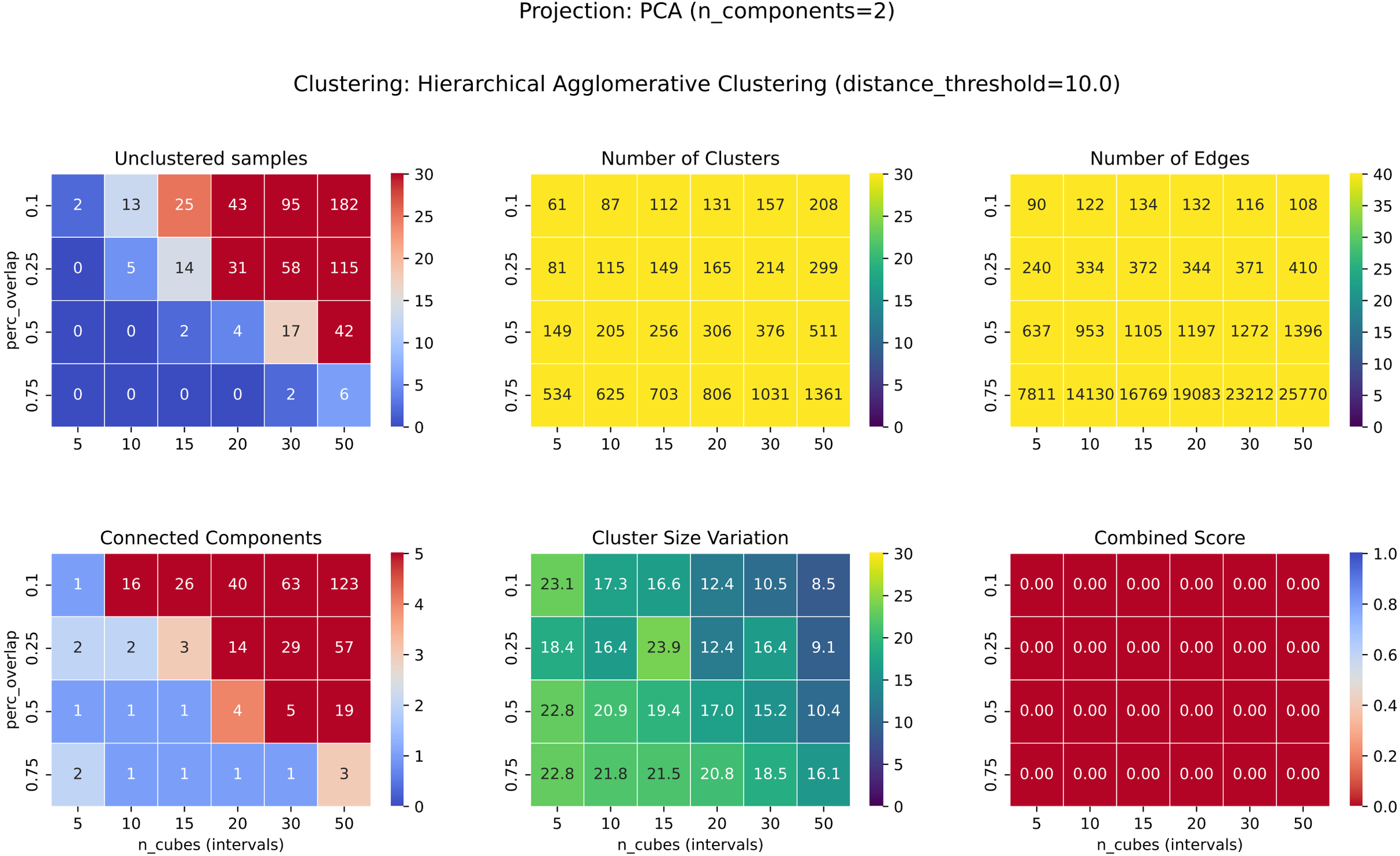

Projection: PCA (n_components=2)
Clustering: DBSCAN (eps=5.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
14 61 118 183 293 524
2 40 73 125 224 399
0 3 21 45 105 212
0 0 0 2 12 53
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
15 33 44 54 71 47
19 37 59 69 91 87
23 59 89 112 159 203
25 93 162 230 353 545
Number of Edges
24 50 68 73 77 24
43 89 139 161 195 121
65 184 288 354 509 560
252 1485 2808 4139 6351 9740
0 5 10 15 20 25 30 35 40
Connected Components
2 4 4 12 11 25
1 1 3 4 2 16
1 1 1 1 1 6
1 1 1 1 1 3
0 1 2 3 4 5
n_cubes (intervals)
Cluster Size Variation
128.6 47.2 31.1 19.7 14.1 16.2
142.7 57.3 44.0 21.2 24.8 15.3
214.6 99.6 61.1 42.9 24.8 14.9
266.6 221.2 144.8 104.1 61.0 30.7
Combined Score
0.43 0.00 0.00 0.00 0.00 0.00
0.59 0.00 0.00 0.00 0.00 0.00
0.39 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0

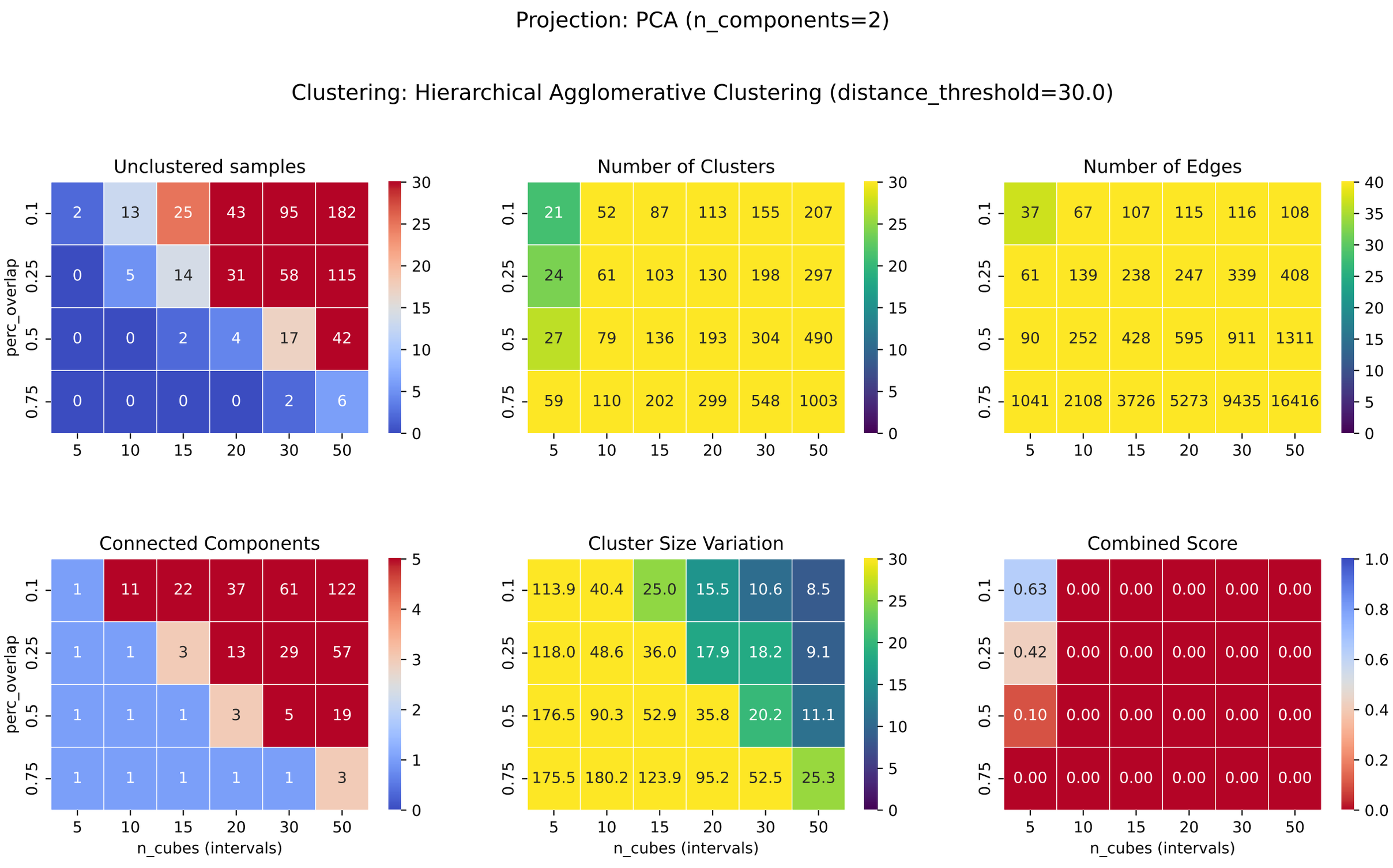

Projection: PCA (n_components=2)
Clustering: DBSCAN (eps=10.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
11 47 101 166 265 505
1 30 61 101 194 375
0 3 19 37 79 185
0 0 0 1 12 48
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
15 34 47 57 76 52
19 40 61 74 100 94
23 62 91 120 175 220
25 94 165 233 367 582
Number of Edges
27 54 74 82 81 29
43 100 148 169 211 134
65 196 296 387 557 610
252 1503 2873 4200 6652 10462
0 5 10 15 20 25 30 35 40
Connected Components
1 4 4 12 12 26
1 1 1 5 5 17
1 1 1 1 2 8
1 1 1 1 1 2
0 1 2 3 4 5
n_cubes (intervals)
Cluster Size Variation
128.4 46.6 30.4 19.3 13.7 15.5
142.7 55.8 43.3 20.8 23.8 14.8
214.6 98.0 60.6 41.9 24.0 14.5
266.6 220.7 144.0 103.5 60.2 30.1
Combined Score
0.52 0.00 0.00 0.00 0.00 0.00
0.62 0.00 0.00 0.00 0.00 0.00
0.39 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0

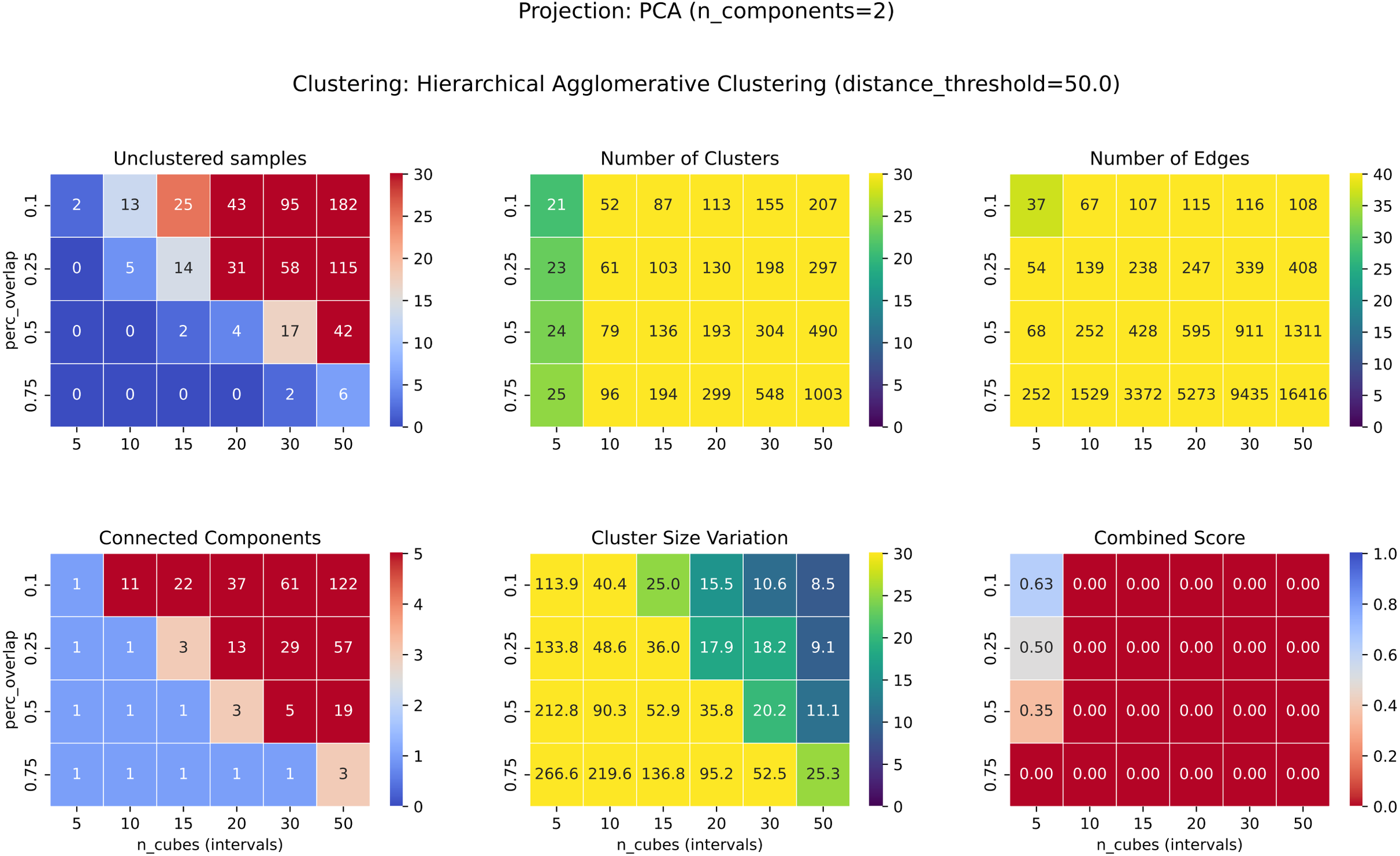

Projection: PCA (n_components=2)
Clustering: Bayesian Gaussian Mixture (n_components=1)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
2 13 25 43 95 182
0 5 14 31 58 115
0 0 2 4 17 42
0 0 0 0 2 6
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
21 52 87 113 155 207
23 61 103 130 198 297
24 79 136 193 304 490
25 96 194 299 548 1003
Number of Edges
37 67 107 115 116 108
54 139 238 247 339 408
68 252 428 595 911 1311
252 1529 3372 5273 9435 16416
0 5 10 15 20 25 30 35 40
Connected Components
1 11 22 37 61 122
1 1 3 13 29 57
1 1 1 3 5 19
1 1 1 1 1 3
n_cubes (intervals)
0 1 2 3 4 5
Cluster Size Variation
113.9 40.4 25.0 15.5 10.6 8.5
133.8 48.6 36.0 17.9 18.2 9.1
212.8 90.3 52.9 35.8 20.2 11.1
266.6 219.6 136.8 95.2 52.5 25.3
Combined Score
0.63 0.00 0.00 0.00 0.00 0.00
0.50 0.00 0.00 0.00 0.00 0.00
0.35 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0

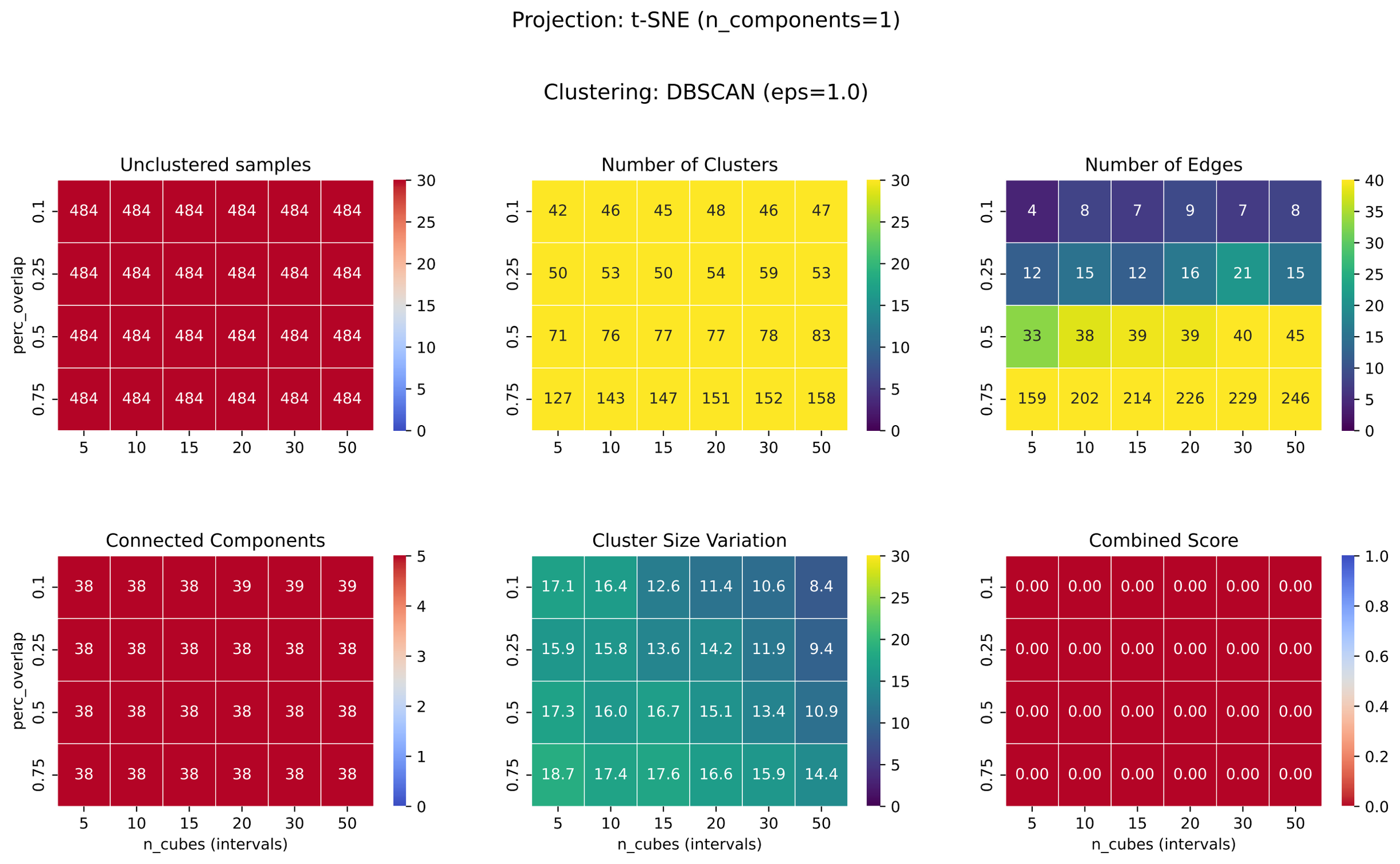

Projection: PCA (n_components=2)
Clustering: Bayesian Gaussian Mixture (n_components=2)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
2 13 25 43 95 182
0 5 14 31 58 115
0 0 2 4 17 42
0 0 0 0 2 6
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
42 104 174 226 310 414
46 122 206 260 396 594
48 158 272 386 608 980
50 192 388 598 1096 2006
0 5 10 15 20 25 30
Number of Edges
68 97 141 142 145 126
135 273 404 405 498 552
211 609 979 1265 1750 2183
949 4681 8948 12625 20264 31609
0 5 10 15 20 25 30 35 40
Connected Components
6 43 77 122 188 309
1 17 31 58 119 226
1 3 7 20 33 102
1 1 1 1 3 20
n_cubes (intervals)
0 1 2 3 4 5
Cluster Size Variation
72.1 25.3 15.8 9.8 7.3 6.0
70.9 28.0 21.9 11.0 12.2 6.4
127.8 54.1 30.9 21.5 12.7 7.7
217.6 124.3 75.3 52.5 31.2 15.9
n_cubes (intervals)
0 5 10 15 20 25 30
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
n_cubes (intervals)
0.0 0.2 0.4 0.6 0.8 1.0


Projection: PCA (n_components=2)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=1.0)
Unclustered samples
2 13 25 43 95 182
0 5 14 31 58 115
0 0 2 4 17 42
0 0 0 0 2 6
Number of Clusters
561 560 567 566 534 472
822 812 824 793 790 782
1716 1804 1799 1787 1826 1767
6143 6878 7007 7031 7248 7264
Number of Edges
159 174 183 172 161 125
599 588 635 581 607 573
2590 2835 2834 2864 2952 2806
42348 52348 54175 55074 57970 59254
Connected Components
429 418 420 425 397 368
422 418 406 398 381 387
425 416 412 398 391 386
428 416 414 402 397 383
Cluster Size Variation
5.3 5.2 6.0 5.3 5.3 5.6
4.6 4.5 8.1 4.6 8.2 5.4
5.9 5.8 5.8 5.8 5.7 5.1
6.3 5.9 5.9 5.9 5.8 5.4
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
perc_overlap
0.1
0.25
0.5
0.75
n_cubes (intervals)
5 10 15 20 30 50


Projection: PCA (n_components=2)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=10.0)
Unclustered samples
Number of Clusters
Number of Edges
Connected Components
Cluster Size Variation
Combined Score
perc_overlap
n_cubes (intervals)
0.1
0.25
0.5
0.75
5
10
15
20
30
50
2 13 25 43 95 182
0 5 14 31 58 115
0 0 2 4 17 42
0 0 0 0 2 6
61 87 112 131 157 208
81 115 149 165 214 299
149 205 256 306 376 511
534 625 703 806 1031 1361
90 122 134 132 116 108
240 334 372 344 371 410
637 953 1105 1197 1272 1396
7811 14130 16769 19083 23212 25770
1 16 26 40 63 123
2 2 3 14 29 57
1 1 1 4 5 19
2 1 1 1 1 3
23.1 17.3 16.6 12.4 10.5 8.5
18.4 16.4 23.9 12.4 16.4 9.1
22.8 20.9 19.4 17.0 15.2 10.4
22.8 21.8 21.5 20.8 18.5 16.1
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00

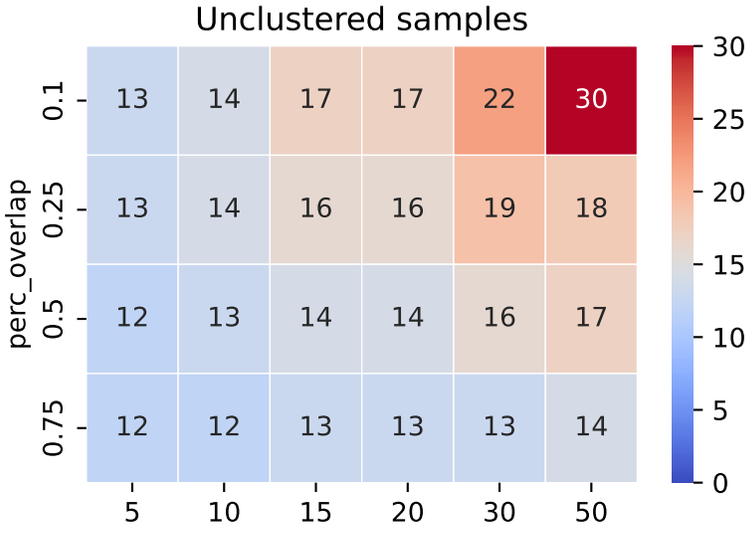

Projection: PCA (n_components=2)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=30.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
2 13 25 43 95 182
0 5 14 31 58 115
0 0 2 4 17 42
0 0 0 0 2 6
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
21 52 87 113 155 207
24 61 103 130 198 297
27 79 136 193 304 490
59 110 202 299 548 1003
Number of Edges
37 67 107 115 116 108
61 139 238 247 339 408
90 252 428 595 911 1311
1041 2108 3726 5273 9435 16416
0 5 10 15 20 25 30 35 40
Connected Components
1 11 22 37 61 122
1 1 3 13 29 57
1 1 1 3 5 19
1 1 1 1 1 3
n_cubes (intervals)
0 1 2 3 4 5
Cluster Size Variation
113.9 40.4 25.0 15.5 10.6 8.5
118.0 48.6 36.0 17.9 18.2 9.1
176.5 90.3 52.9 35.8 20.2 11.1
175.5 180.2 123.9 95.2 52.5 25.3
Combined Score
0.63 0.00 0.00 0.00 0.00 0.00
0.42 0.00 0.00 0.00 0.00 0.00
0.10 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0

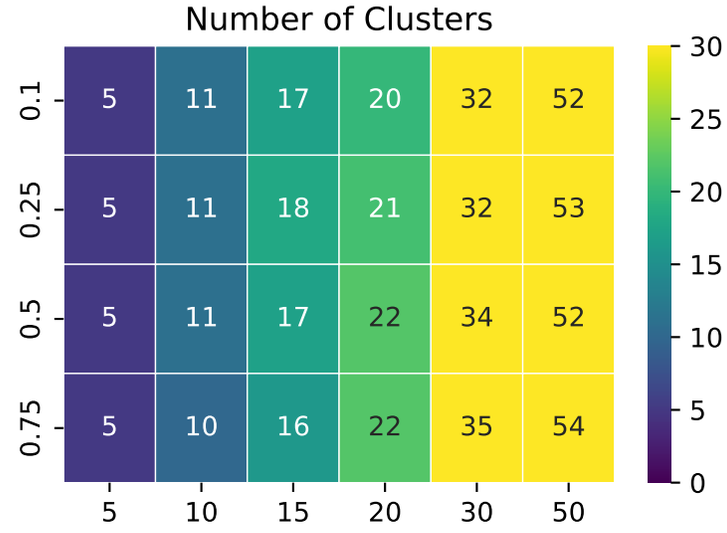

Projection: PCA (n_components=2)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=50.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
2 13 25 43 95 182
0 5 14 31 58 115
0 0 2 4 17 42
0 0 0 0 2 6
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
21 52 87 113 155 207
23 61 103 130 198 297
24 79 136 193 304 490
25 96 194 299 548 1003
Number of Edges
37 67 107 115 116 108
54 139 238 247 339 408
68 252 428 595 911 1311
252 1529 3372 5273 9435 16416
0 5 10 15 20 25 30 35 40
Connected Components
1 11 22 37 61 122
1 1 3 13 29 57
1 1 1 3 5 19
1 1 1 1 1 3
n_cubes (intervals)
0 1 2 3 4 5
Cluster Size Variation
113.9 40.4 25.0 15.5 10.6 8.5
133.8 48.6 36.0 17.9 18.2 9.1
212.8 90.3 52.9 35.8 20.2 11.1
266.6 219.6 136.8 95.2 52.5 25.3
Combined Score
0.63 0.00 0.00 0.00 0.00 0.00
0.50 0.00 0.00 0.00 0.00 0.00
0.35 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0

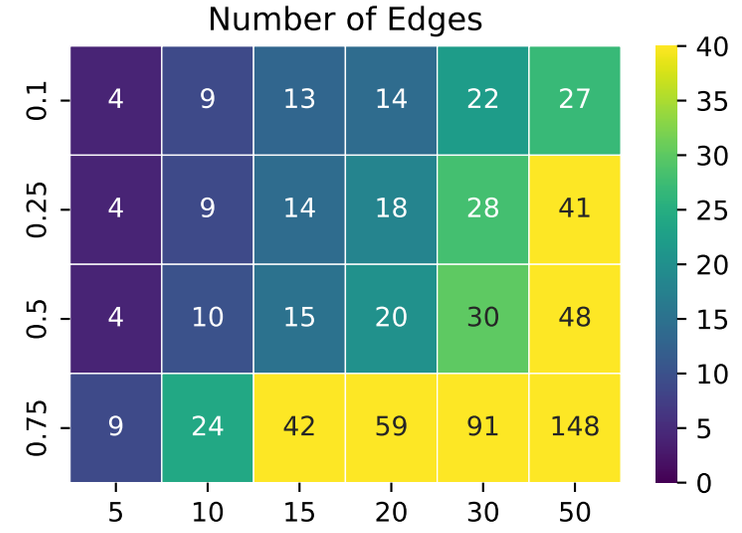

Projection: t-SNE (n_components=1)
Clustering: DBSCAN (eps=1.0)
Unclustered samples
Number of Clusters
Number of Edges
Connected Components
Cluster Size Variation
Combined Score
perc_overlap
n_cubes (intervals)
0.1
0.25
0.5
0.75
5
10
15
20
30
50
484
42
46
45
48
46
47
50
53
50
54
59
53
71
76
77
77
78
83
127
143
147
151
152
158
4
8
7
9
7
8
12
15
12
16
21
15
33
38
39
39
40
45
159
202
214
226
229
246
38
39
17.1
16.4
12.6
11.4
10.6
8.4
15.9
15.8
13.6
14.2
11.9
9.4
17.3
16.0
16.7
15.1
13.4
10.9
18.7
17.4
17.6
16.6
15.9
14.4
0.00

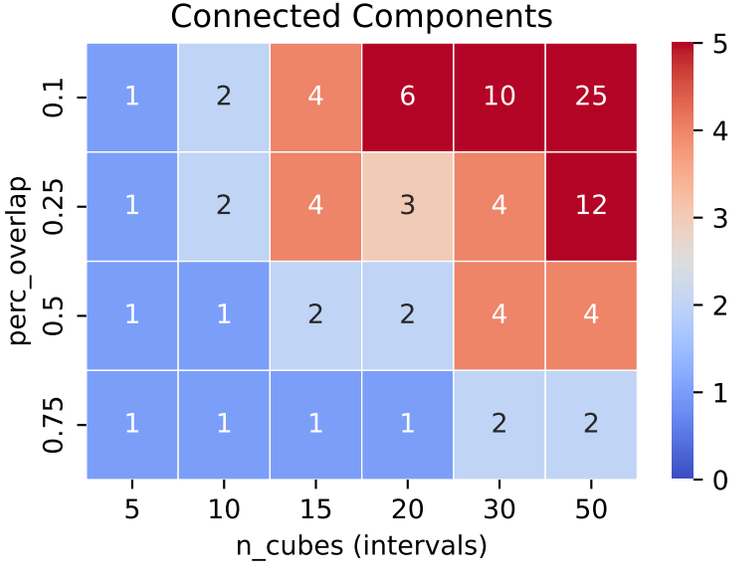
Projection: t-SNE (n_components=1)

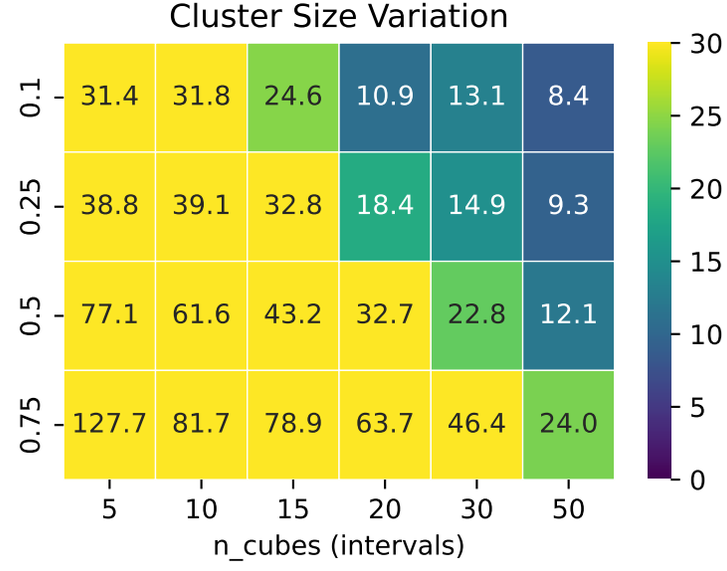
Clustering: DBSCAN (eps=3.0)

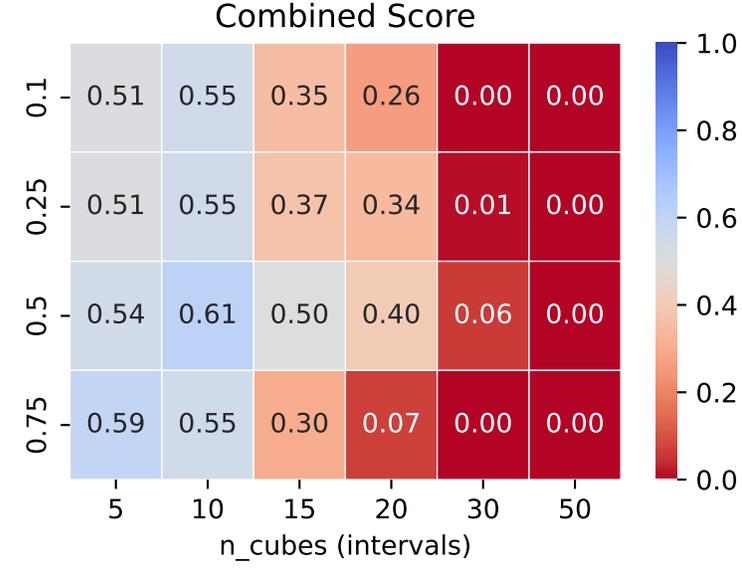


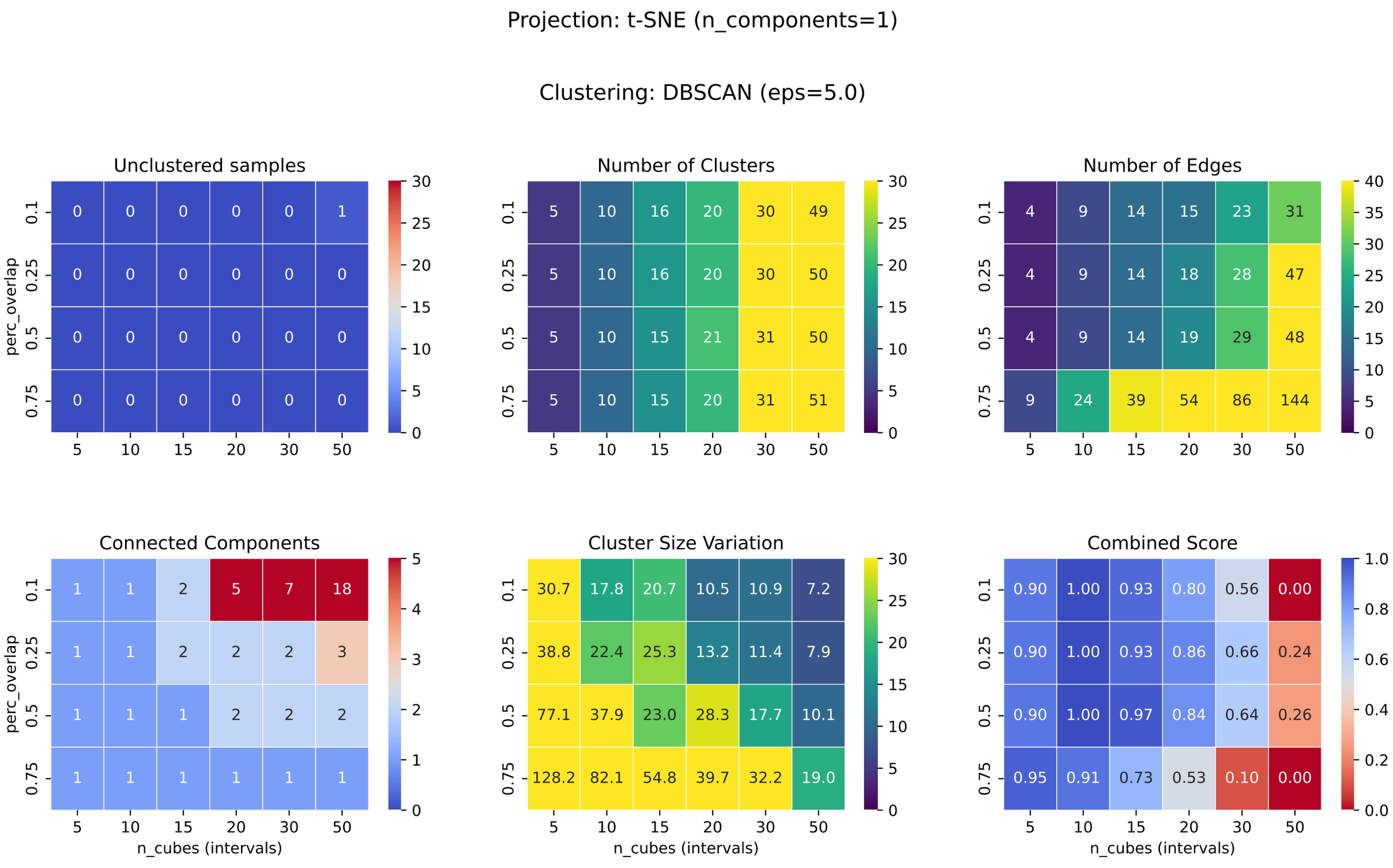


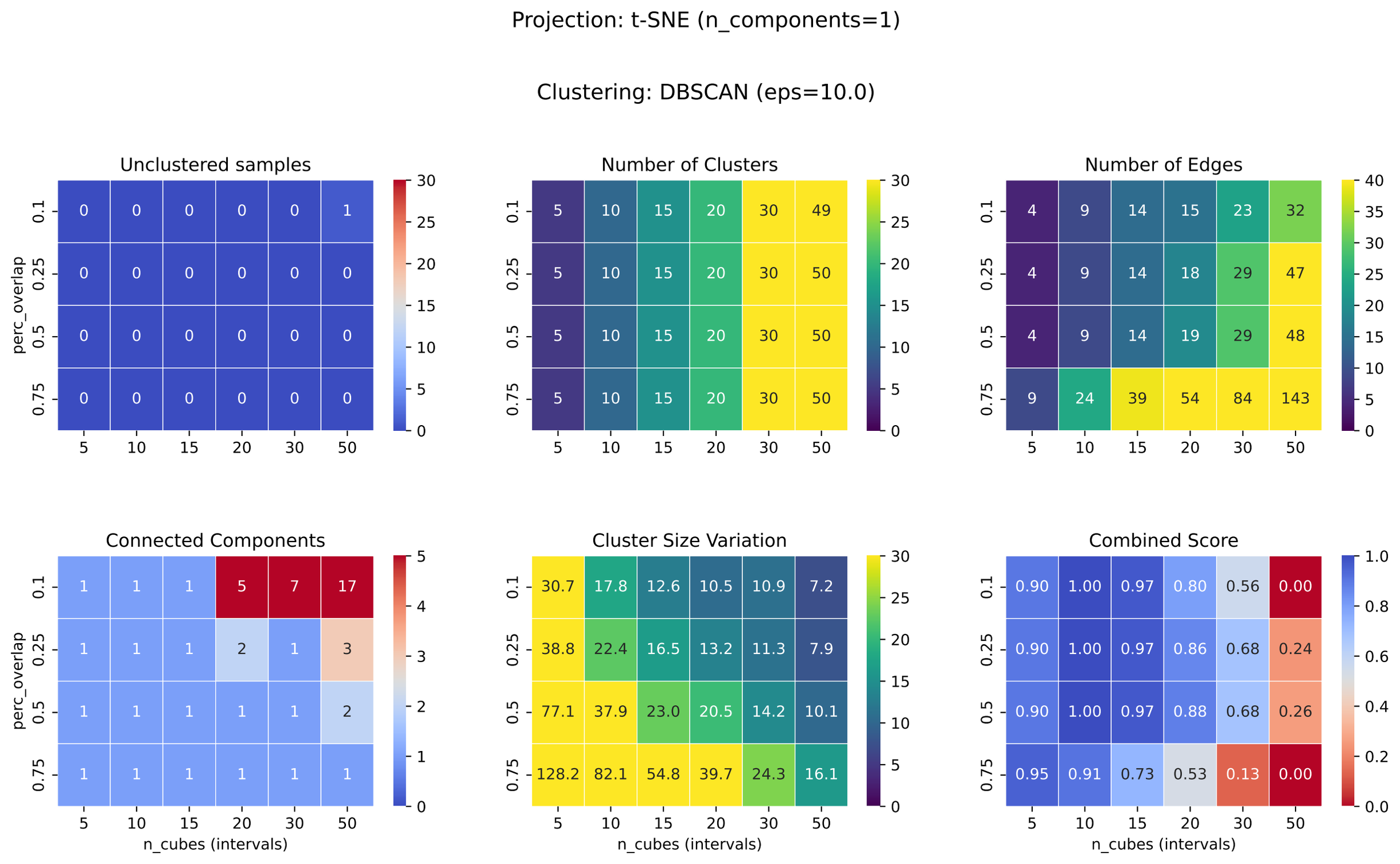






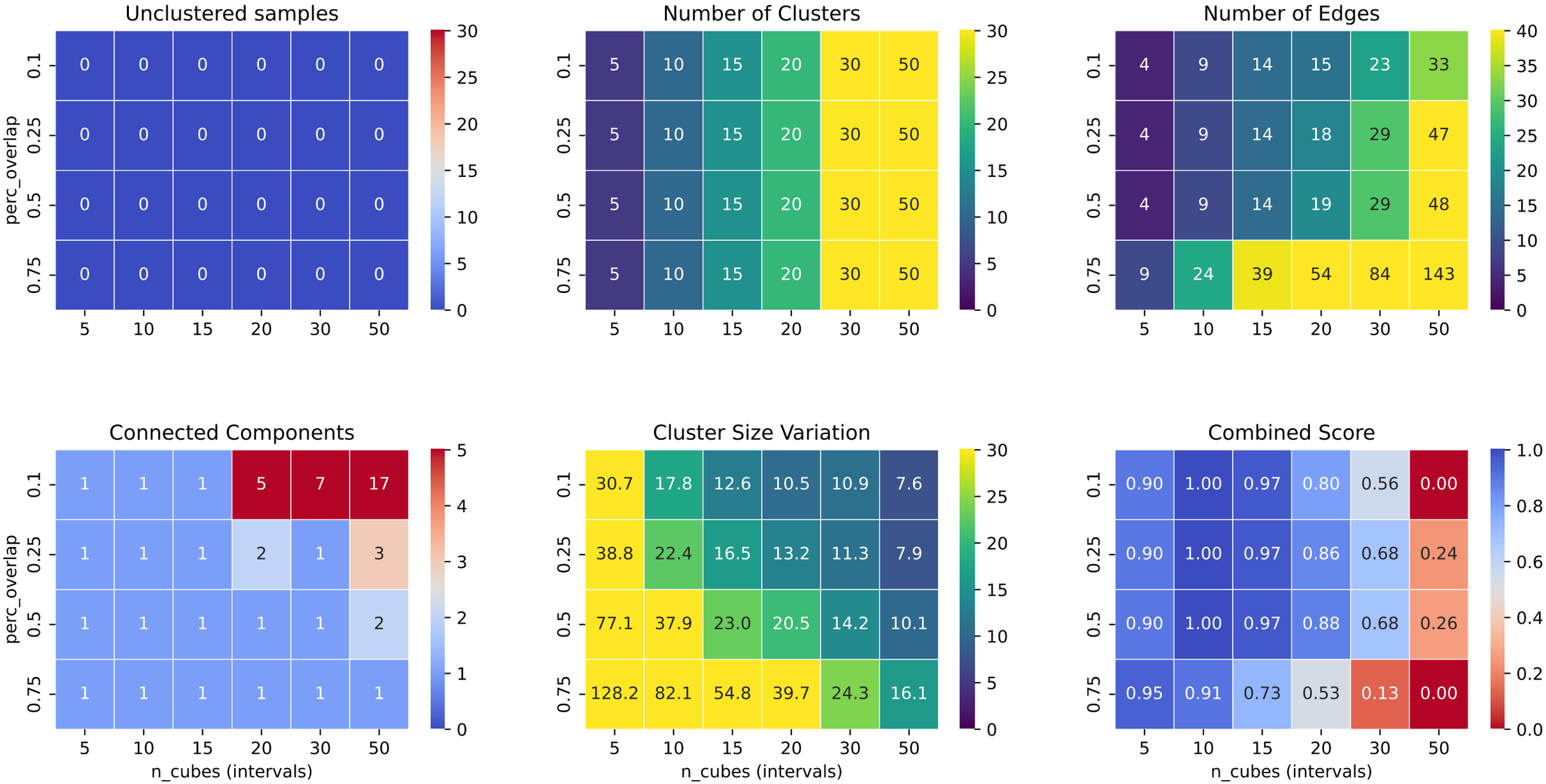



Projection: t-SNE (n_components=1)
Clustering: DBSCAN (eps=5.0)
Unclustered samples
Number of Clusters
Number of Edges
Connected Components
Cluster Size Variation
Combined Score
perc_overlap
n_cubes (intervals)
0.1
0.25
0.5
0.75
5
10
15
20
30
50
0 0 0 0 0 1
0 0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0
5 10 16 20 30 49
5 10 16 20 30 50
5 10 15 21 31 50
5 10 15 20 31 51
4 9 14 15 23 31
4 9 14 18 28 47
4 9 14 19 29 48
9 24 39 54 86 144
1 1 2 5 7 18
1 1 2 2 2 3
1 1 1 2 2 2
1 1 1 1 1 1
30.7 17.8 20.7 10.5 10.9 7.2
38.8 22.4 25.3 13.2 11.4 7.9
77.1 37.9 23.0 28.3 17.7 10.1
128.2 82.1 54.8 39.7 32.2 19.0
0.90 1.00 0.93 0.80 0.56 0.00
0.90 1.00 0.93 0.86 0.66 0.24
0.90 1.00 0.97 0.84 0.64 0.26
0.95 0.91 0.73 0.53 0.10 0.00


Projection: t-SNE (n_components=1)
Clustering: DBSCAN (eps=10.0)
Unclustered samples
Number of Clusters
Number of Edges
Connected Components
Cluster Size Variation
Combined Score
perc_overlap
n_cubes (intervals)
0.1
0.25
0.5
0.75
5
10
15
20
30
50

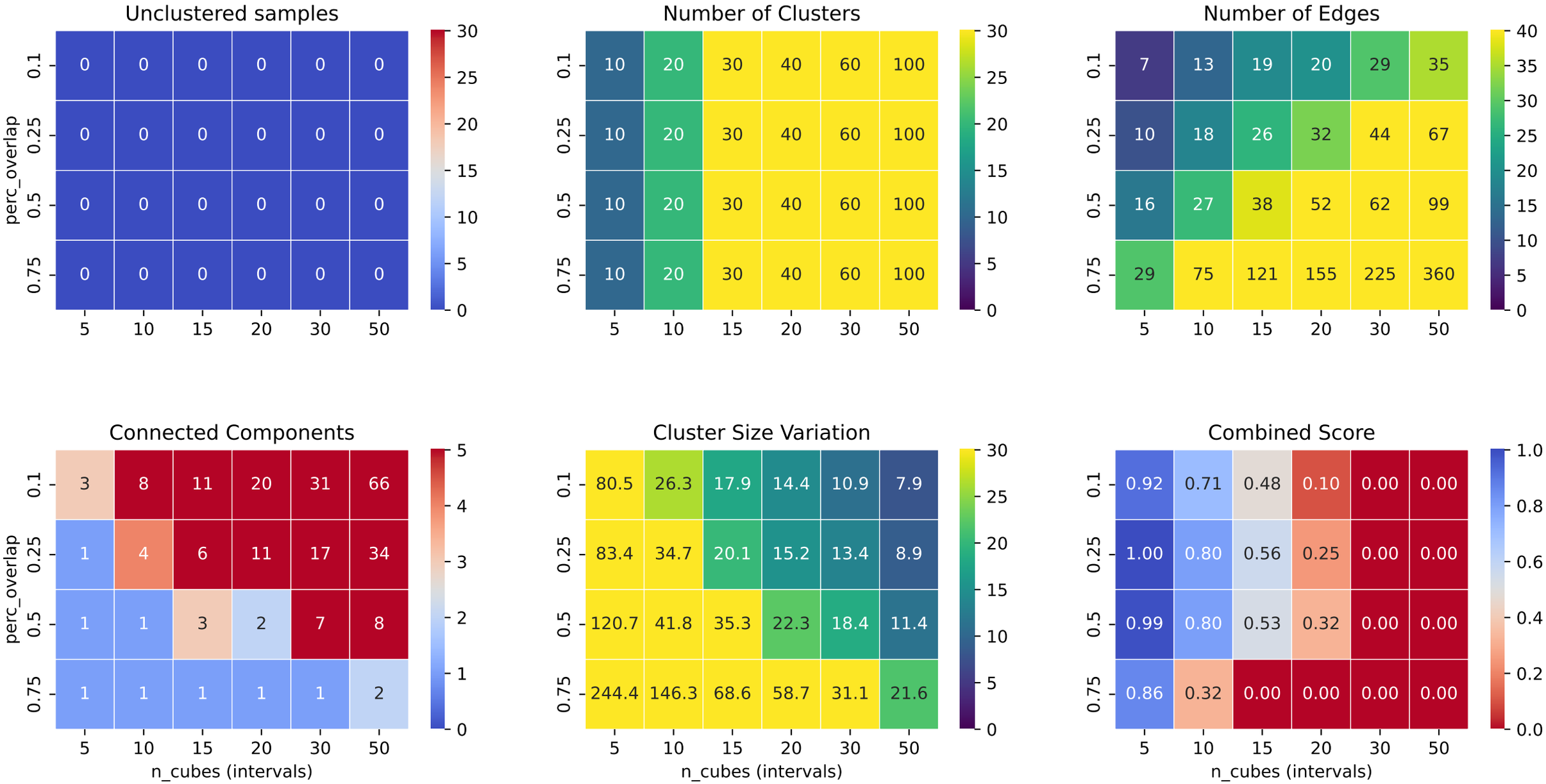
Projection: t-SNE (n_components=1)

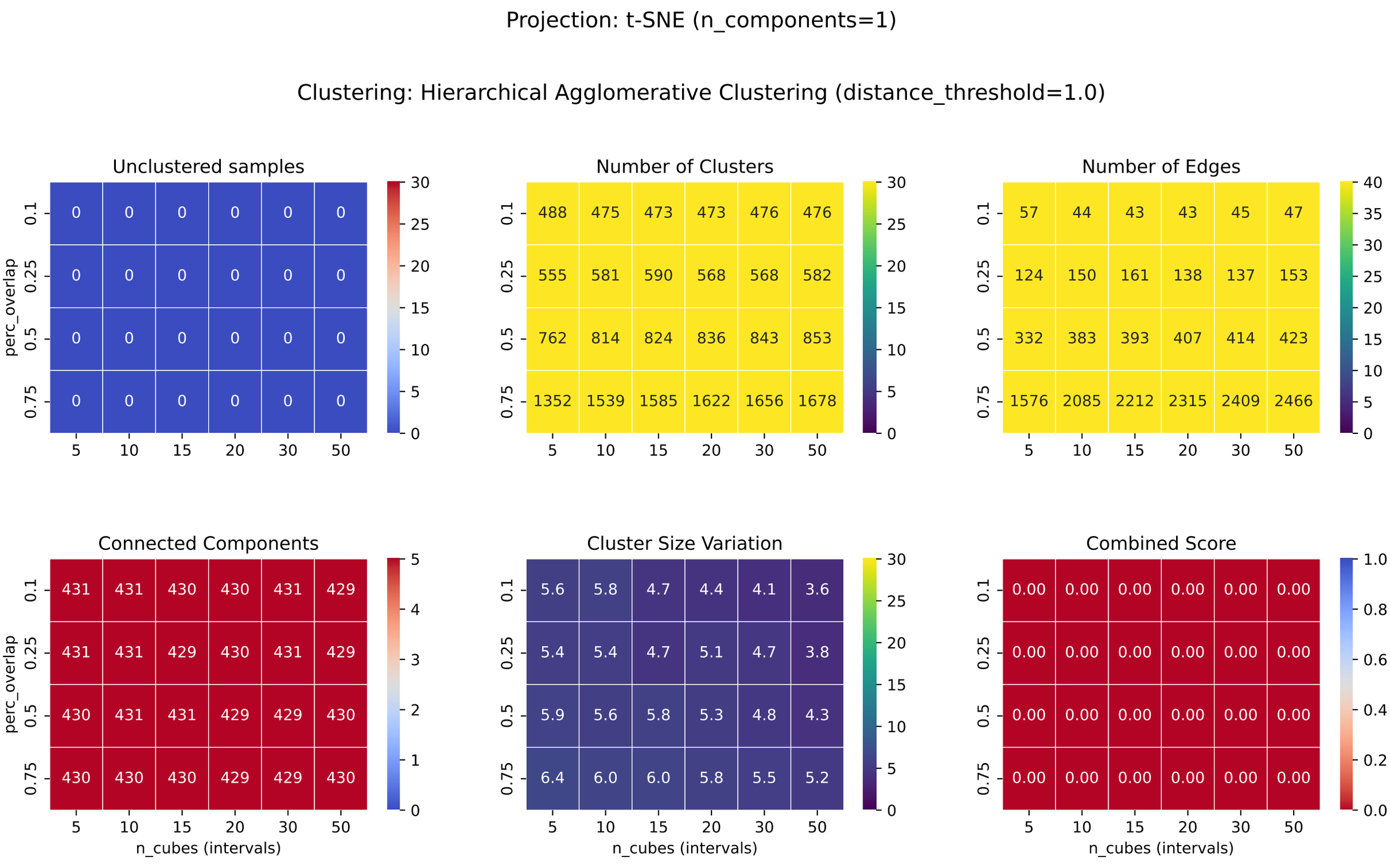
Clustering: Bayesian Gaussian Mixture (n_components=1)

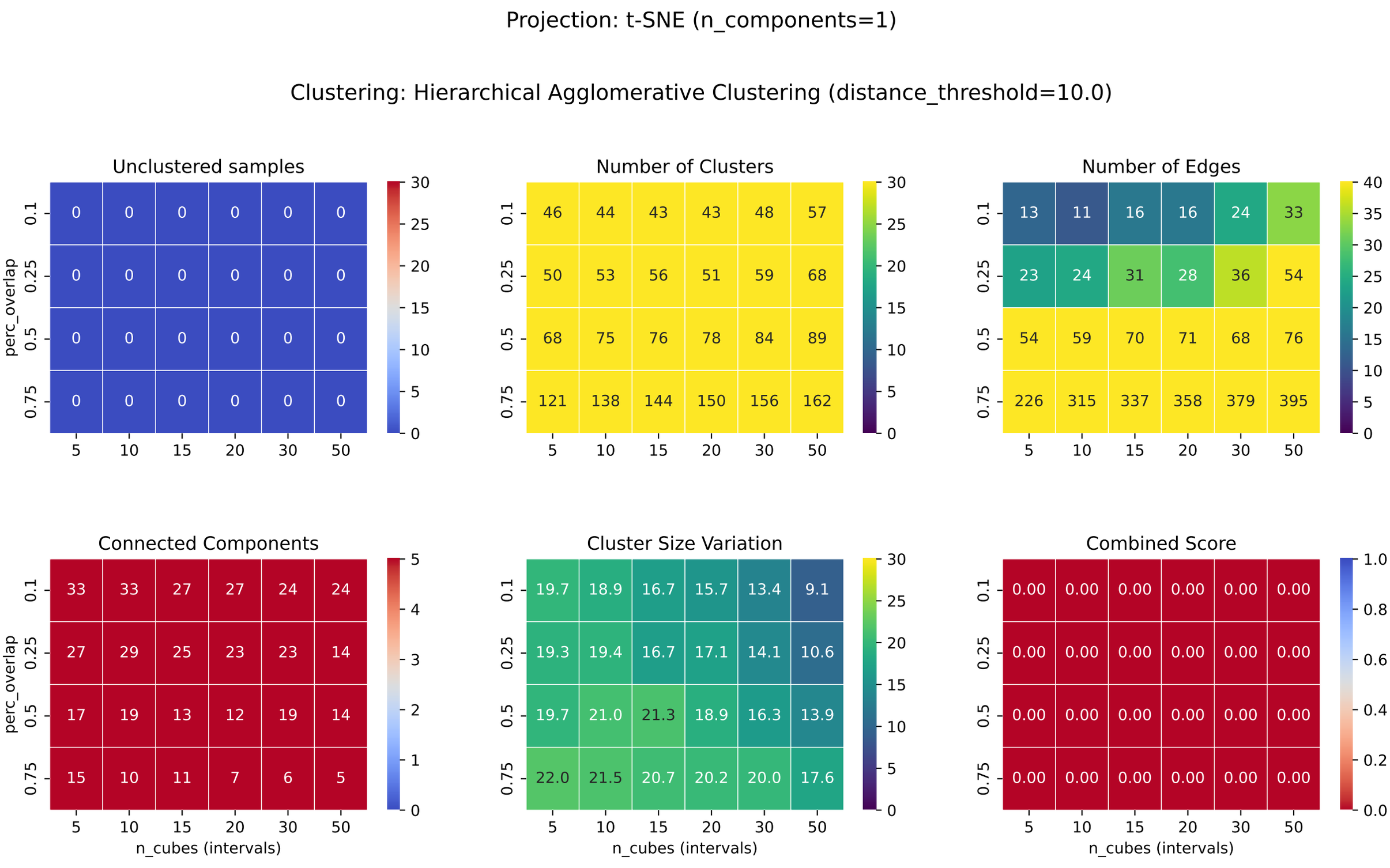


Projection: t-SNE (n_components=1)

Clustering: Bayesian Gaussian Mixture (n_components=2)

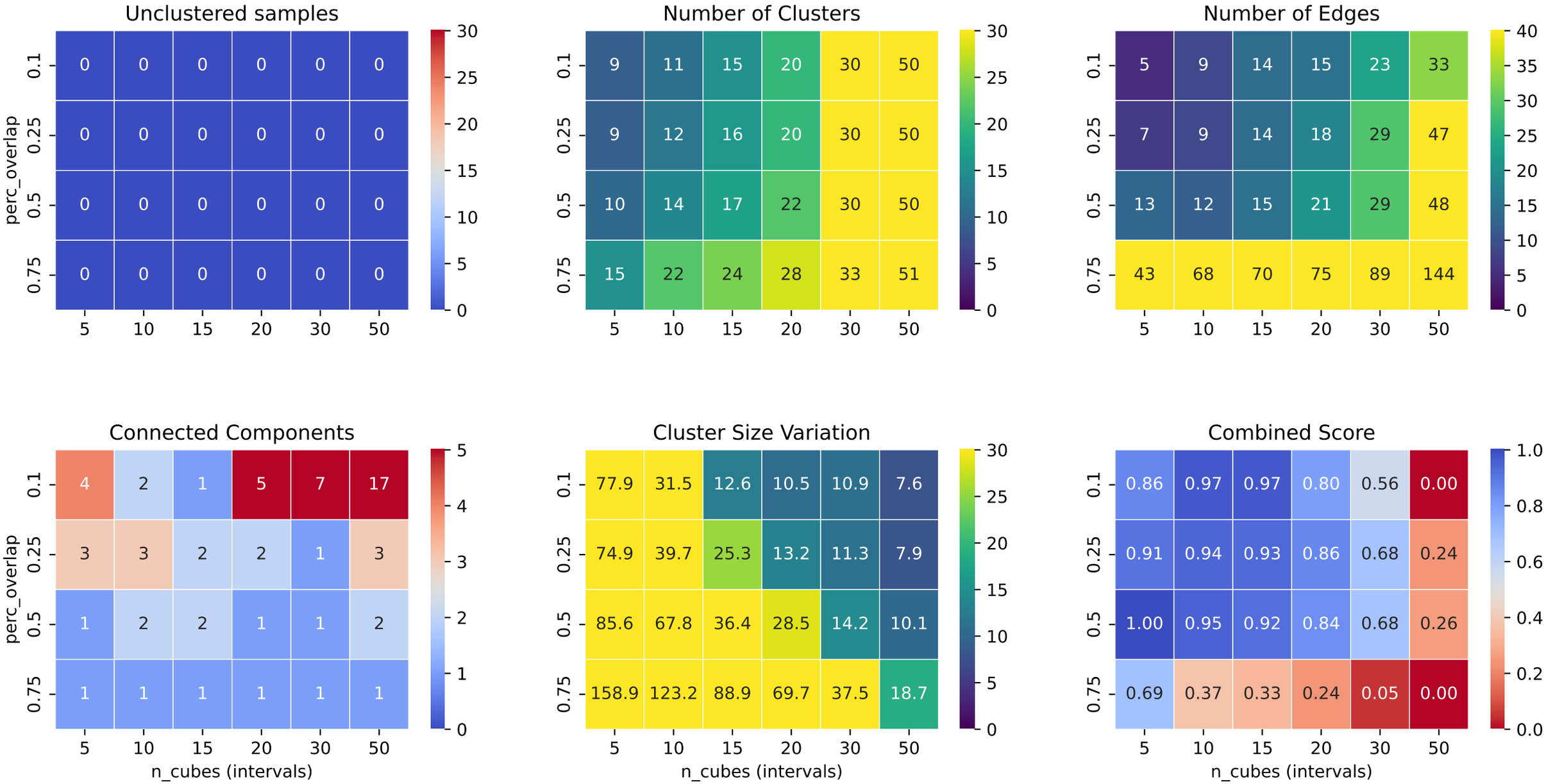



Projection: t-SNE (n_components=1)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=1.0)
Unclustered samples
0 0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0
Number of Clusters
488 475 473 473 476 476
555 581 590 568 568 582
762 814 824 836 843 853
1352 1539 1585 1622 1656 1678
Number of Edges
57 44 43 43 45 47
124 150 161 138 137 153
332 383 393 407 414 423
1576 2085 2212 2315 2409 2466
Connected Components
431 431 430 430 431 429
431 431 429 430 431 429
430 431 431 429 429 430
430 430 430 429 429 430
Cluster Size Variation
5.6 5.8 4.7 4.4 4.1 3.6
5.4 5.4 4.7 5.1 4.7 3.8
5.9 5.6 5.8 5.3 4.8 4.3
6.4 6.0 6.0 5.8 5.5 5.2
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
perc_overlap
0.1
0.25
0.5
0.75
5 10 15 20 30 50
n_cubes (intervals)


Projection: t-SNE (n_components=1)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=10.0)
Unclustered samples
Number of Clusters
Number of Edges
Connected Components
Cluster Size Variation
Combined Score
perc_overlap
n_cubes (intervals)
0.1 0.25 0.5 0.75
5 10 15 20 30 50
0 0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0
46 44 43 43 48 57
50 53 56 51 59 68
68 75 76 78 84 89
121 138 144 150 156 162
13 11 16 16 24 33
23 24 31 28 36 54
54 59 70 71 68 76
226 315 337 358 379 395
33 33 27 27 24 24
27 29 25 23 23 14
17 19 13 12 19 14
15 10 11 7 6 5
19.7 18.9 16.7 15.7 13.4 9.1
19.3 19.4 16.7 17.1 14.1 10.6
19.7 21.0 21.3 18.9 16.3 13.9
22.0 21.5 20.7 20.2 20.0 17.6
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00

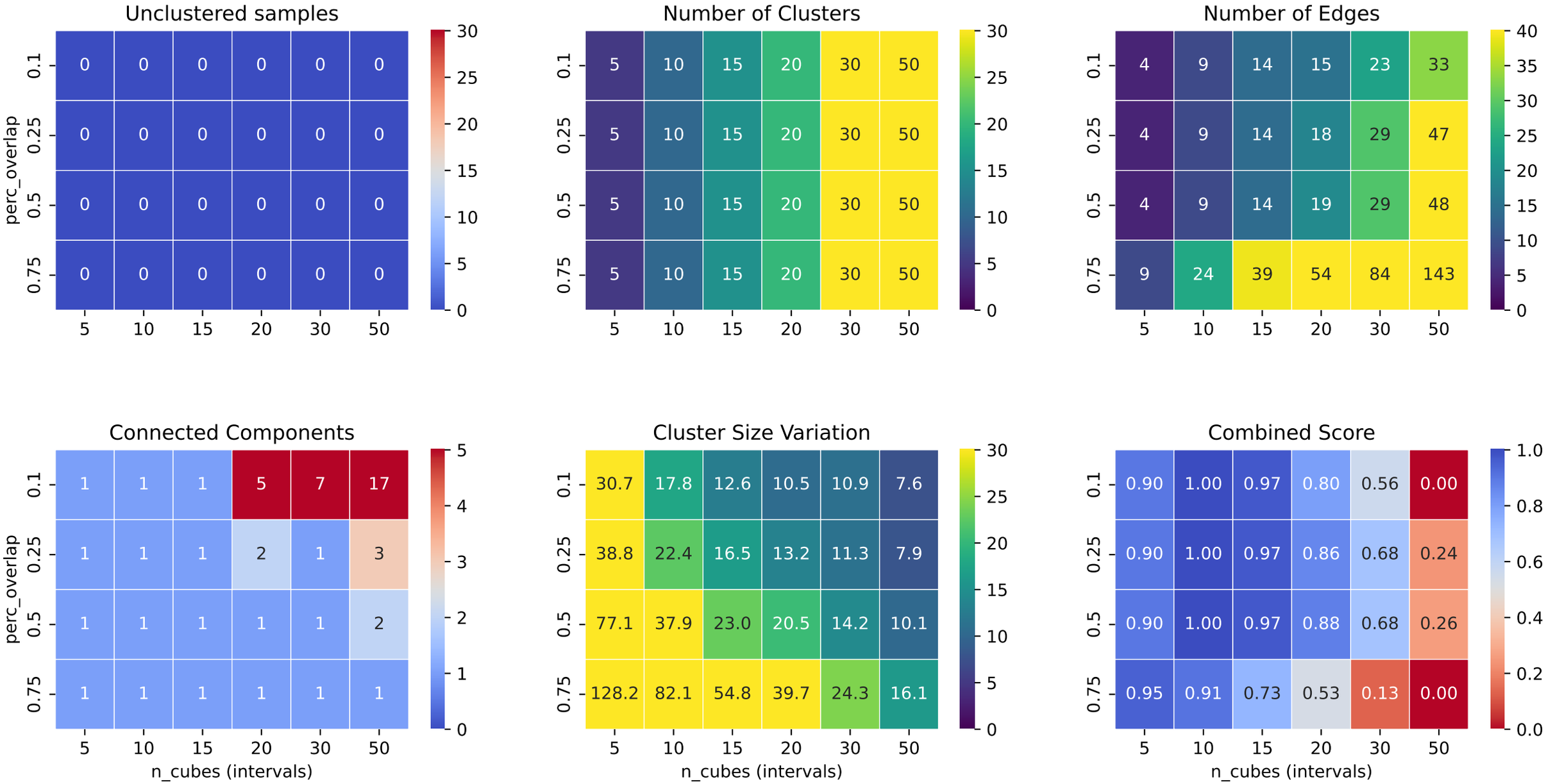
Projection: t-SNE (n_components=1)

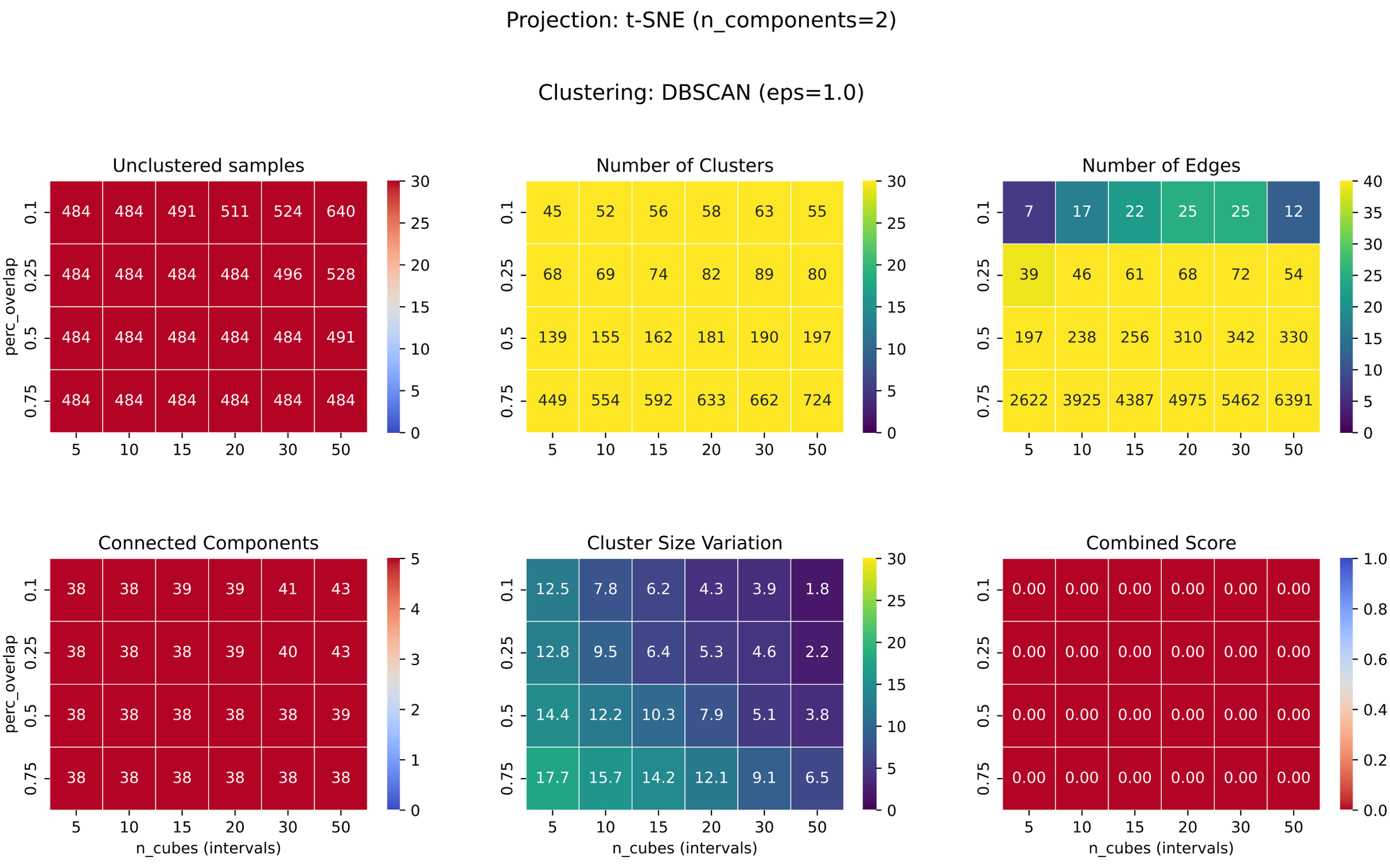
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=30.0)

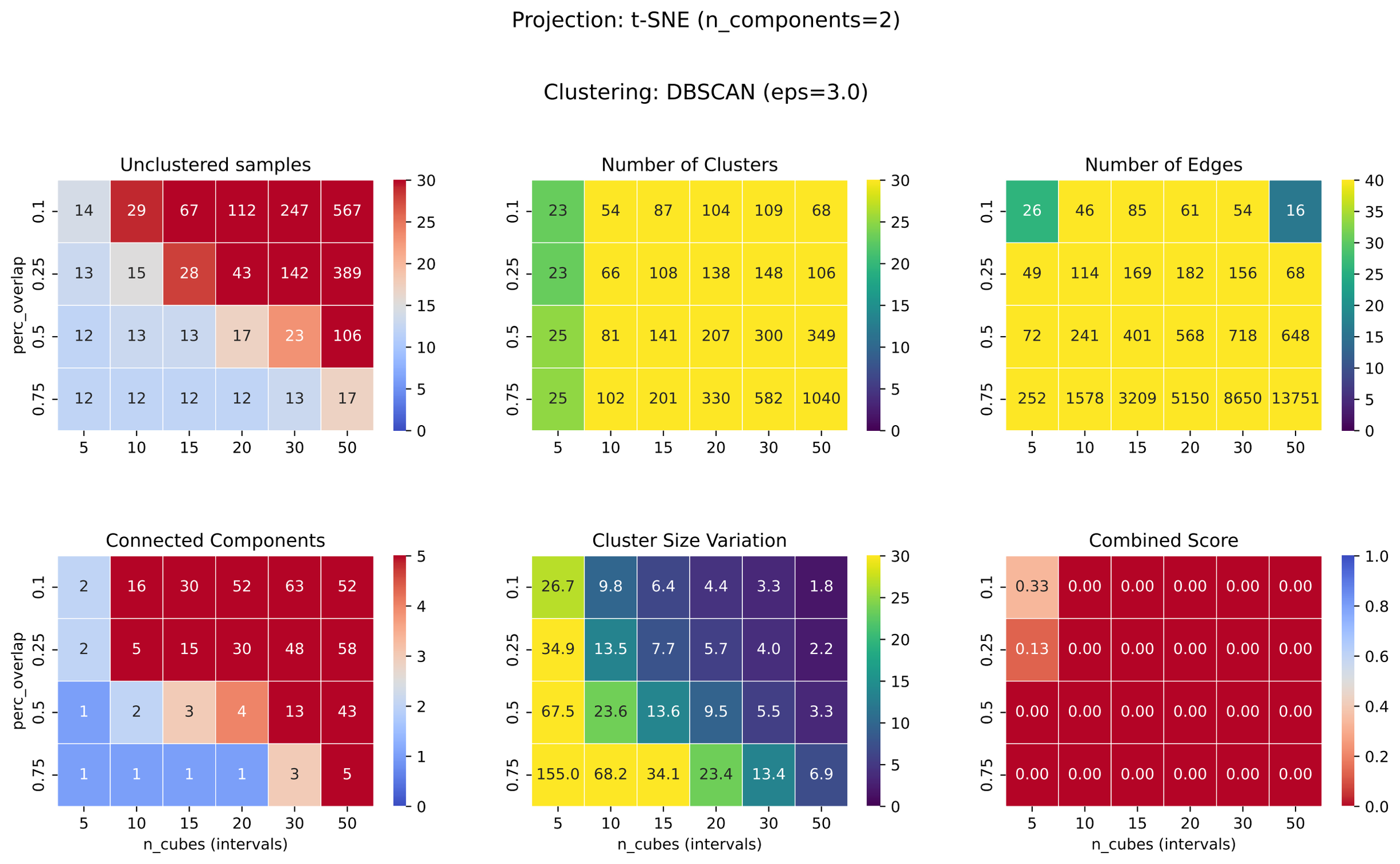


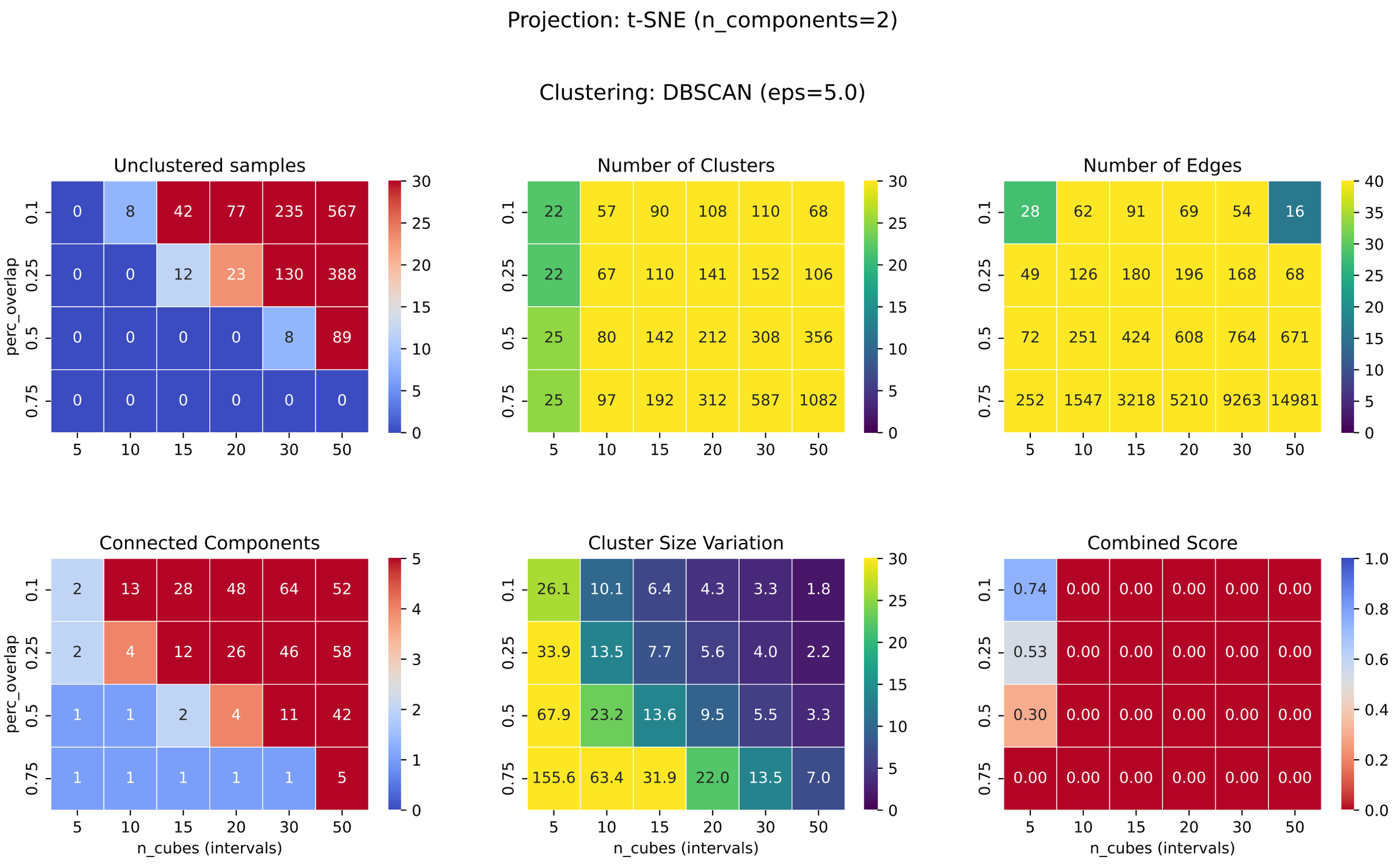
Projection: t-SNE (n_components=1)

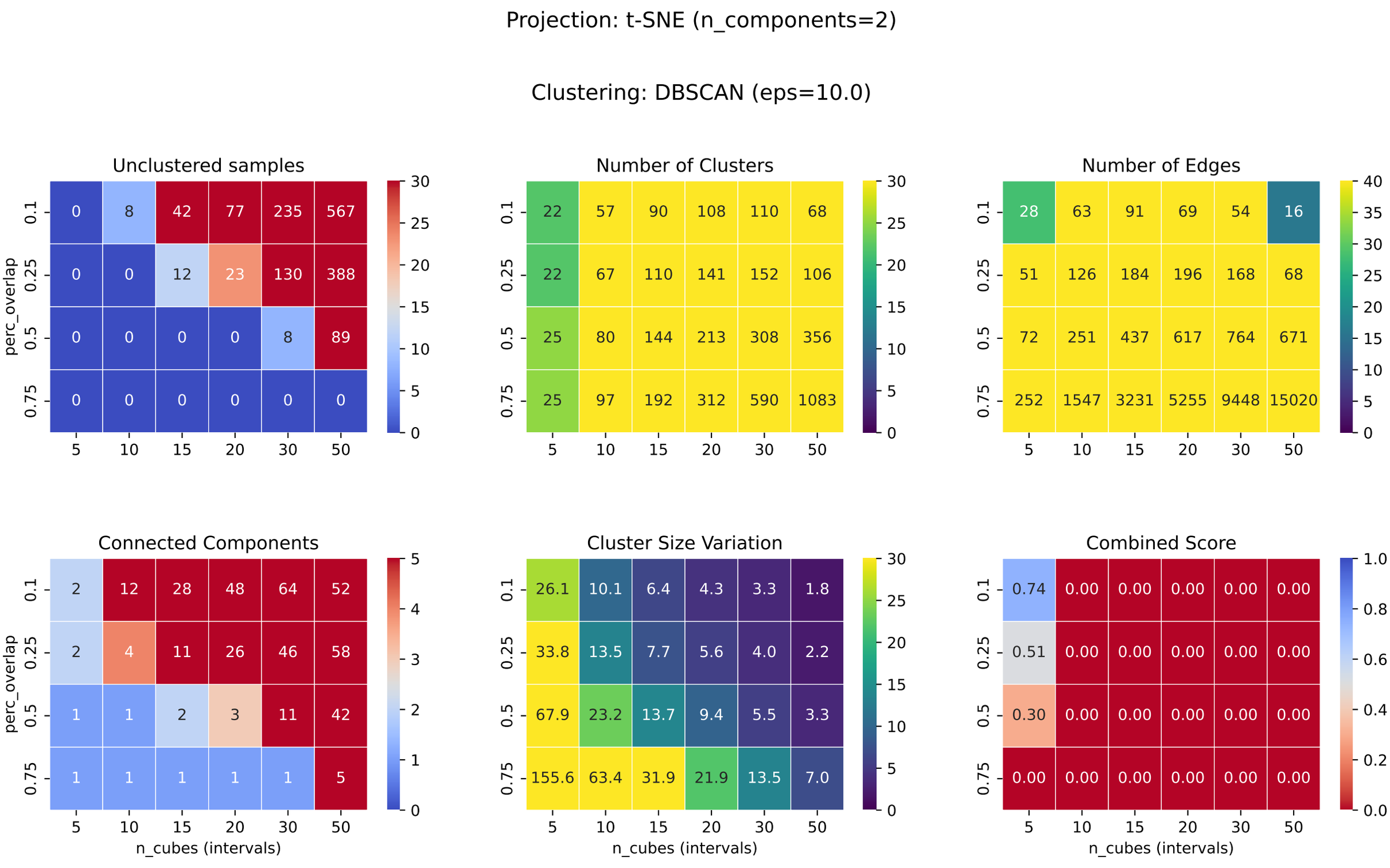
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=50.0)

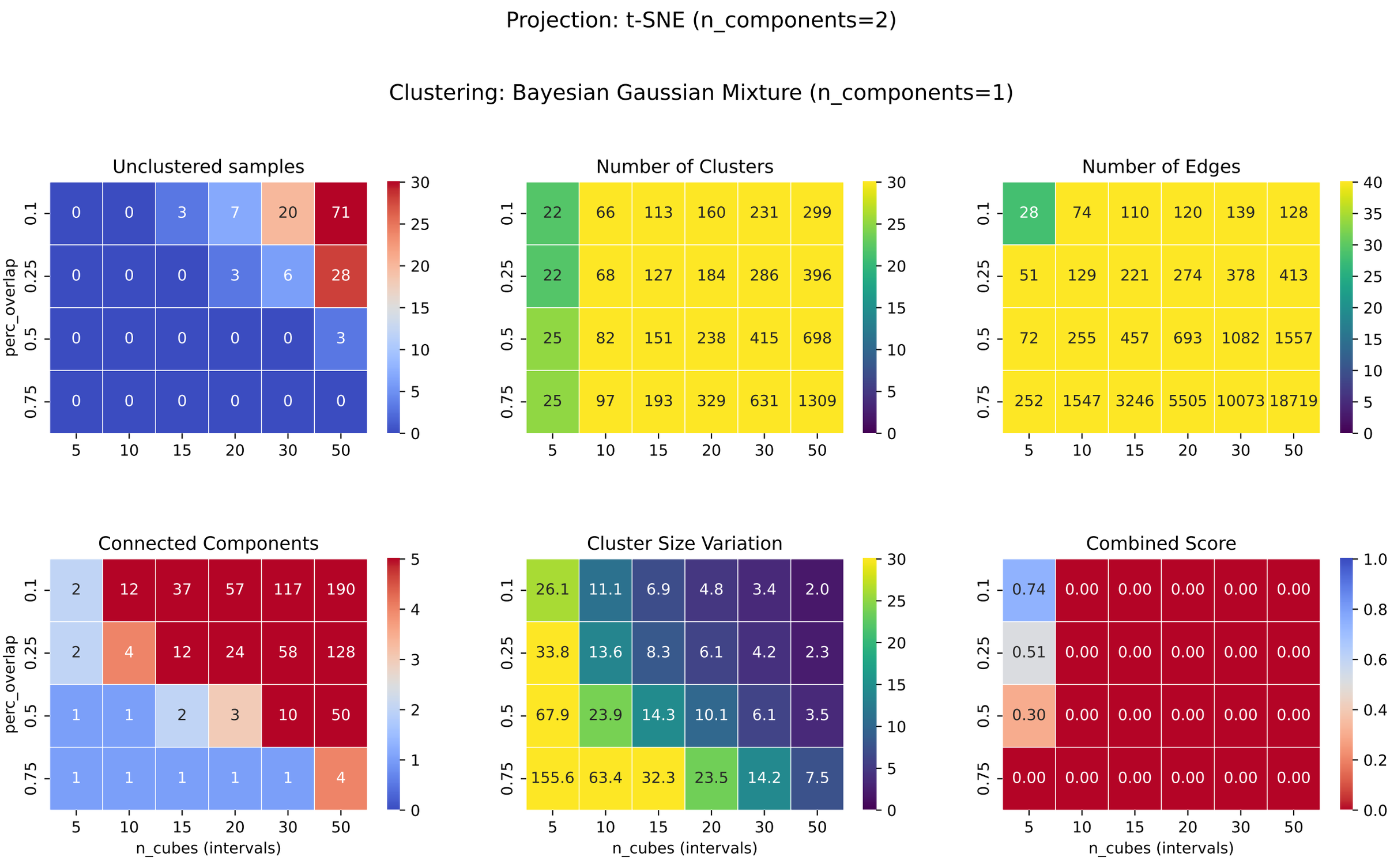


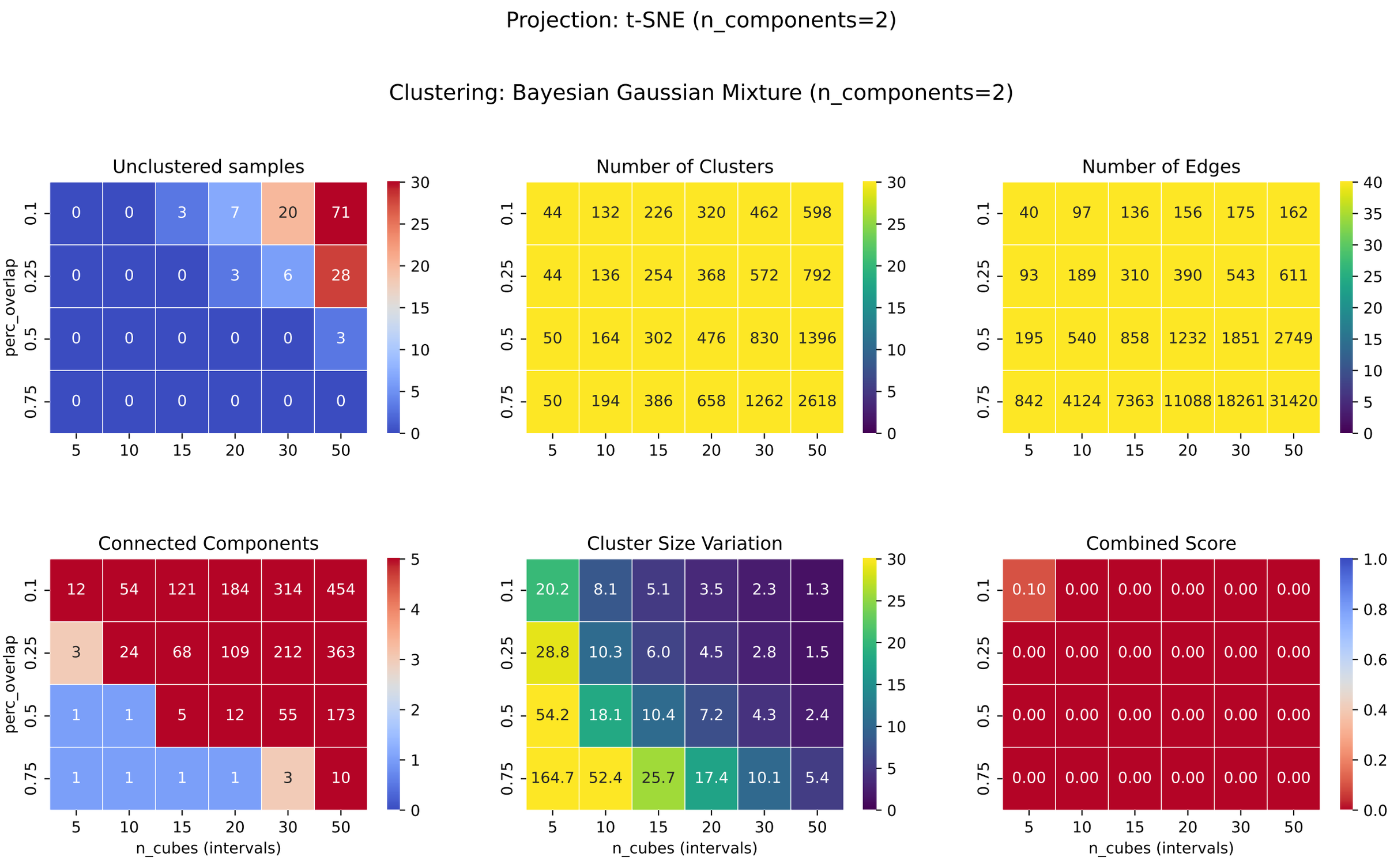

Projection: t-SNE (n_components=2)
Clustering: DBSCAN (eps=1.0)
Unclustered samples
Number of Clusters
Number of Edges
Connected Components
Cluster Size Variation
Combined Score
perc_overlap
n_cubes (intervals)
0.1
0.25
0.5
0.75
5
10
15
20
30
50
484 484 491 511 524 640
484 484 484 484 496 528
484 484 484 484 484 491
484 484 484 484 484 484
45 52 56 58 63 55
68 69 74 82 89 80
139 155 162 181 190 197
449 554 592 633 662 724
7 17 22 25 25 12
39 46 61 68 72 54
197 238 256 310 342 330
2622 3925 4387 4975 5462 6391
38 38 39 39 41 43
38 38 38 39 40 43
38 38 38 38 38 39
38 38 38 38 38 38
12.5 7.8 6.2 4.3 3.9 1.8
12.8 9.5 6.4 5.3 4.6 2.2
14.4 12.2 10.3 7.9 5.1 3.8
17.7 15.7 14.2 12.1 9.1 6.5
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00

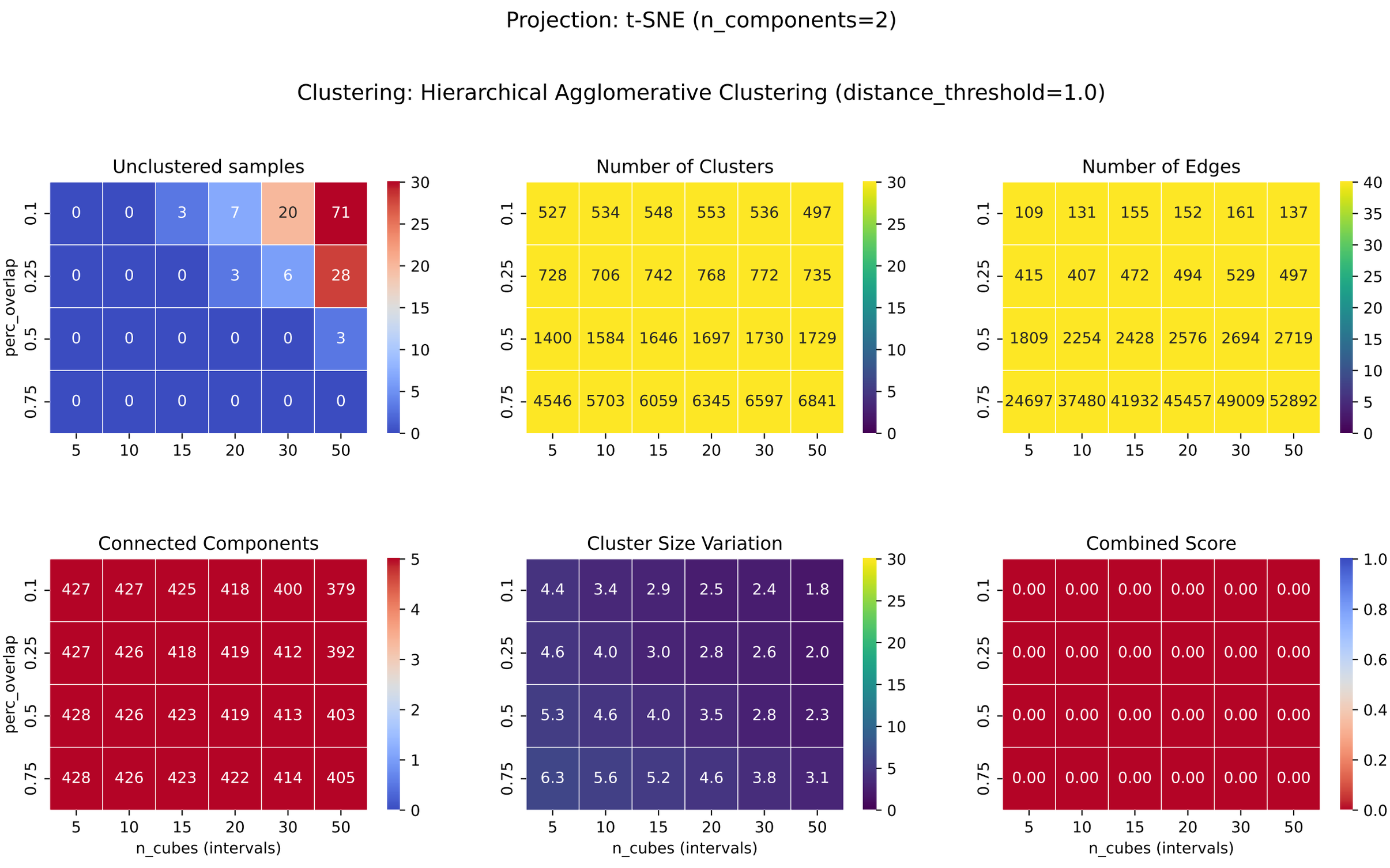

Projection: t-SNE (n_components=2)
Clustering: DBSCAN (eps=3.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
14 29 67 112 247 567
13 15 28 43 142 389
12 13 13 17 23 106
12 12 12 12 13 17
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
23 54 87 104 109 68
23 66 108 138 148 106
25 81 141 207 300 349
25 102 201 330 582 1040
Number of Edges
26 46 85 61 54 16
49 114 169 182 156 68
72 241 401 568 718 648
252 1578 3209 5150 8650 13751
0 5 10 15 20 25 30 35 40
Connected Components
2 16 30 52 63 52
2 5 15 30 48 58
1 2 3 4 13 43
1 1 1 1 3 5
n_cubes (intervals)
0 1 2 3 4 5
Cluster Size Variation
26.7 9.8 6.4 4.4 3.3 1.8
34.9 13.5 7.7 5.7 4.0 2.2
67.5 23.6 13.6 9.5 5.5 3.3
155.0 68.2 34.1 23.4 13.4 6.9
Combined Score
0.33 0.00 0.00 0.00 0.00 0.00
0.13 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0

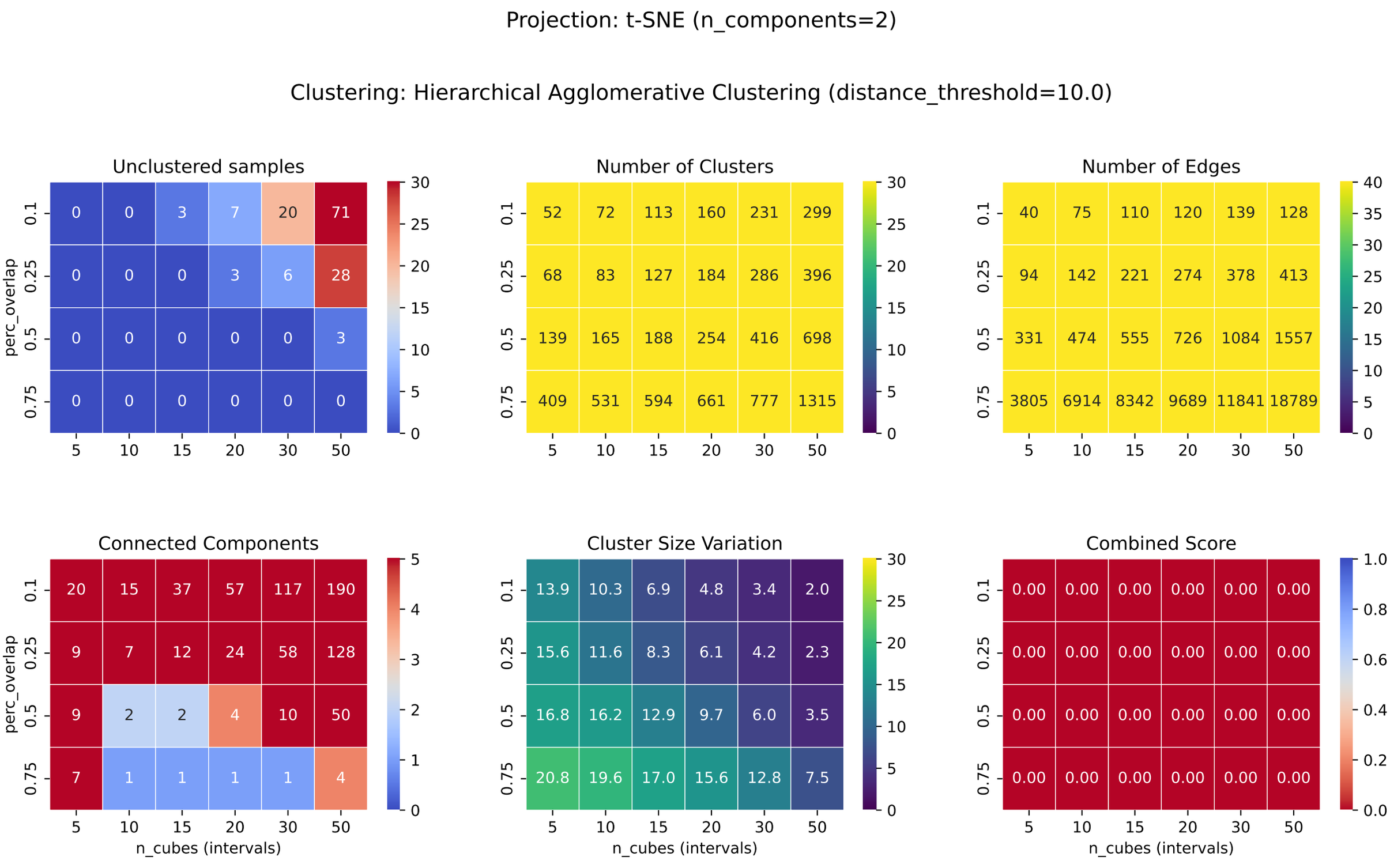

Projection: t-SNE (n_components=2)
Clustering: DBSCAN (eps=5.0)
Unclustered samples
Number of Clusters
Number of Edges
Connected Components
Cluster Size Variation
Combined Score
perc_overlap
n_cubes (intervals)
0.1
0.25
0.5
0.75
5
10
15
20
30
50
0 8 42 77 235 567
0 0 12 23 130 388
0 0 0 0 8 89
0 0 0 0 0 0
22 57 90 108 110 68
22 67 110 141 152 106
25 80 142 212 308 356
25 97 192 312 587 1082
28 62 91 69 54 16
49 126 180 196 168 68
72 251 424 608 764 671
252 1547 3218 5210 9263 14981
2 13 28 48 64 52
2 4 12 26 46 58
1 1 2 4 11 42
1 1 1 1 1 5
26.1 10.1 6.4 4.3 3.3 1.8
33.9 13.5 7.7 5.6 4.0 2.2
67.9 23.2 13.6 9.5 5.5 3.3
155.6 63.4 31.9 22.0 13.5 7.0
0.74 0.00 0.00 0.00 0.00 0.00
0.53 0.00 0.00 0.00 0.00 0.00
0.30 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00


Projection: t-SNE (n_components=2)
Clustering: DBSCAN (eps=10.0)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
0 8 42 77 235 567
0 0 12 23 130 388
0 0 0 0 8 89
0 0 0 0 0 0
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
22 57 90 108 110 68
22 67 110 141 152 106
25 80 144 213 308 356
25 97 192 312 590 1083
Number of Edges
28 63 91 69 54 16
51 126 184 196 168 68
72 251 437 617 764 671
252 1547 3231 5255 9448 15020
0 5 10 15 20 25 30 35 40
Connected Components
2 12 28 48 64 52
2 4 11 26 46 58
1 1 2 3 11 42
1 1 1 1 1 5
0 1 2 3 4 5
n_cubes (intervals)
Cluster Size Variation
26.1 10.1 6.4 4.3 3.3 1.8
33.8 13.5 7.7 5.6 4.0 2.2
67.9 23.2 13.7 9.4 5.5 3.3
155.6 63.4 31.9 21.9 13.5 7.0
Combined Score
0.74 0.00 0.00 0.00 0.00 0.00
0.51 0.00 0.00 0.00 0.00 0.00
0.30 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0


Projection: t-SNE (n_components=2)
Clustering: Bayesian Gaussian Mixture (n_components=1)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
0 0 3 7 20 71
0 0 0 3 6 28
0 0 0 0 0 3
0 0 0 0 0 0
5 10 15 20 30 50
0 5 10 15 20 25 30
Number of Clusters
22 66 113 160 231 299
22 68 127 184 286 396
25 82 151 238 415 698
25 97 193 329 631 1309
Number of Edges
28 74 110 120 139 128
51 129 221 274 378 413
72 255 457 693 1082 1557
252 1547 3246 5505 10073 18719
0 5 10 15 20 25 30 35 40
Connected Components
2 12 37 57 117 190
2 4 12 24 58 128
1 1 2 3 10 50
1 1 1 1 1 4
n_cubes (intervals)
0 1 2 3 4 5
Cluster Size Variation
26.1 11.1 6.9 4.8 3.4 2.0
33.8 13.6 8.3 6.1 4.2 2.3
67.9 23.9 14.3 10.1 6.1 3.5
155.6 63.4 32.3 23.5 14.2 7.5
Combined Score
0.74 0.00 0.00 0.00 0.00 0.00
0.51 0.00 0.00 0.00 0.00 0.00
0.30 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.0 0.2 0.4 0.6 0.8 1.0

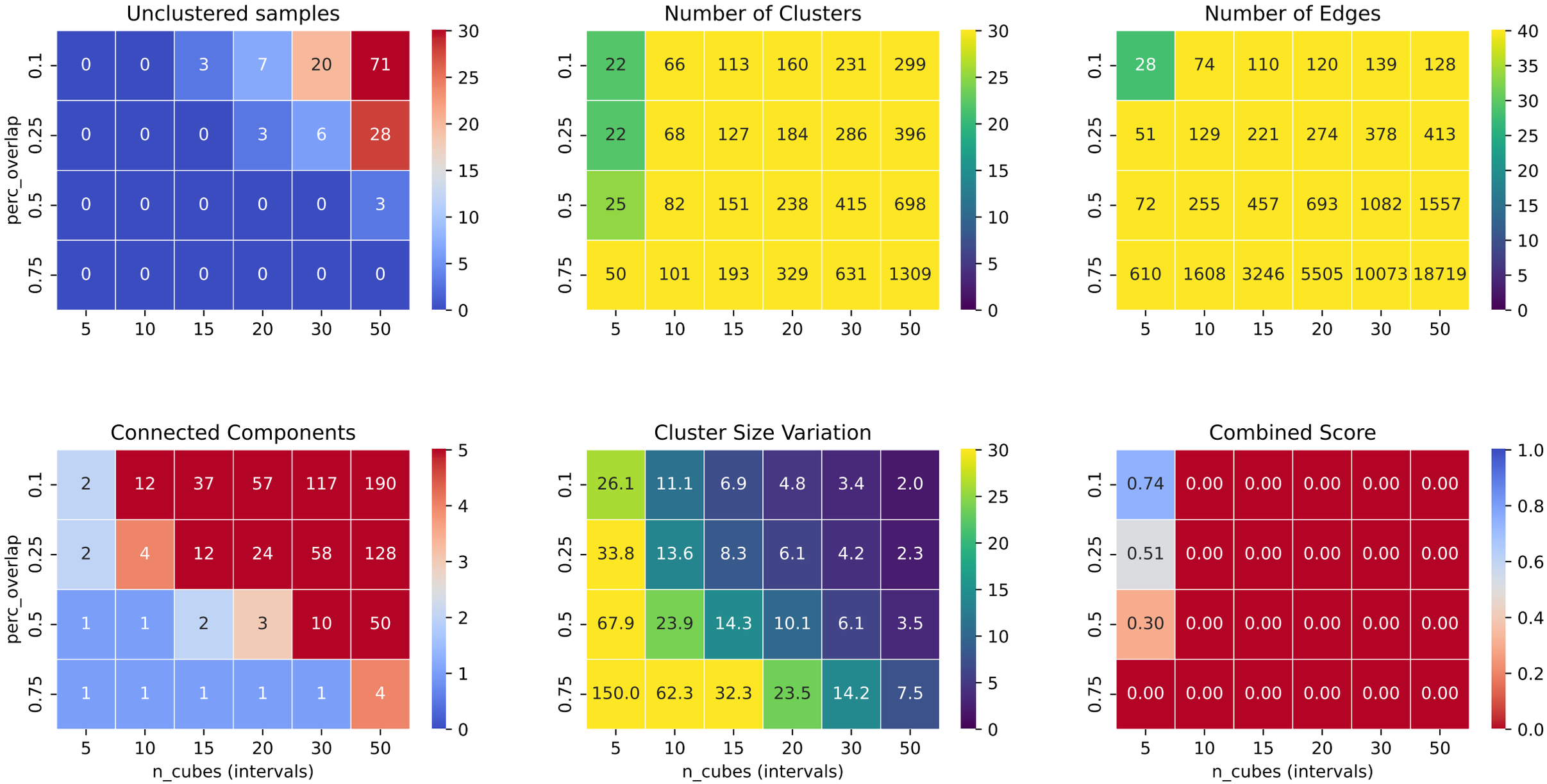

Projection: t-SNE (n_components=2)
Clustering: Bayesian Gaussian Mixture (n_components=2)
Unclustered samples
perc_overlap
0.1
0.25
0.5
0.75
0 0 3 7 20 71
0 0 0 3 6 28
0 0 0 0 0 3
0 0 0 0 0 0
5 10 15 20 30 50
30 25 20 15 10 5 0
Number of Clusters
44 132 226 320 462 598
44 136 254 368 572 792
50 164 302 476 830 1396
50 194 386 658 1262 2618
Number of Edges
40 97 136 156 175 162
93 189 310 390 543 611
195 540 858 1232 1851 2749
842 4124 7363 11088 18261 31420
40 35 30 25 20 15 10 5 0
Connected Components
12 54 121 184 314 454
3 24 68 109 212 363
1 1 5 12 55 173
1 1 1 1 3 10
n_cubes (intervals)
5 4 3 2 1 0
Cluster Size Variation
20.2 8.1 5.1 3.5 2.3 1.3
28.8 10.3 6.0 4.5 2.8 1.5
54.2 18.1 10.4 7.2 4.3 2.4
164.7 52.4 25.7 17.4 10.1 5.4
Combined Score
0.10 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
1.0 0.8 0.6 0.4 0.2 0.0

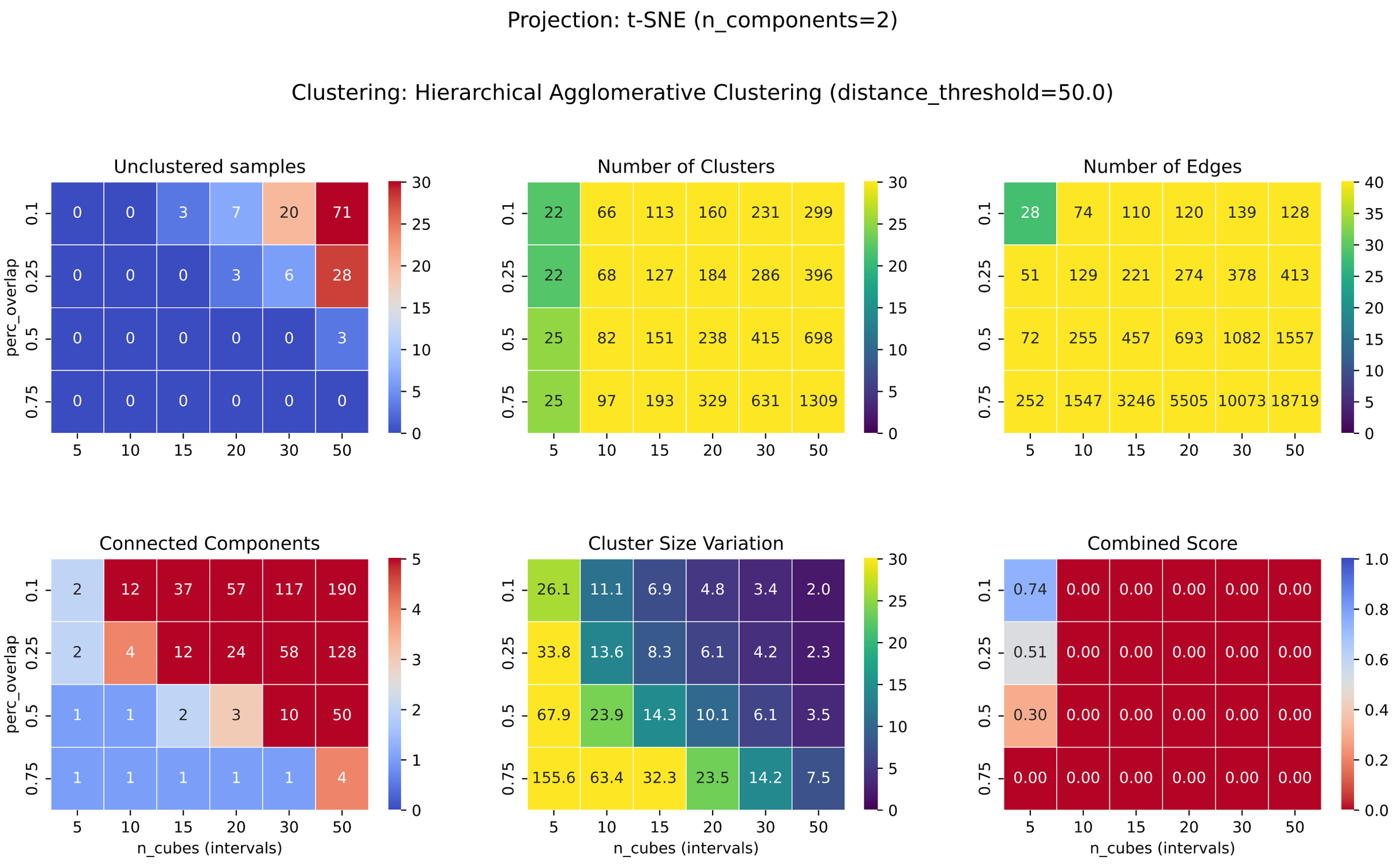

Projection: t-SNE (n_components=2)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=1.0)
Unclustered samples
0 0 3 7 20 71
0 0 0 3 6 28
0 0 0 0 0 3
0 0 0 0 0 0
Number of Clusters
527 534 548 553 536 497
728 706 742 768 772 735
1400 1584 1646 1697 1730 1729
4546 5703 6059 6345 6597 6841
Number of Edges
109 131 155 152 161 137
415 407 472 494 529 497
1809 2254 2428 2576 2694 2719
24697 37480 41932 45457 49009 52892
Connected Components
427 427 425 418 400 379
427 426 418 419 412 392
428 426 423 419 413 403
428 426 423 422 414 405
Cluster Size Variation
4.4 3.4 2.9 2.5 2.4 1.8
4.6 4.0 3.0 2.8 2.6 2.0
5.3 4.6 4.0 3.5 2.8 2.3
6.3 5.6 5.2 4.6 3.8 3.1
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
perc_overlap
0.1
0.25
0.5
0.75
5 10 15 20 30 50
n_cubes (intervals)


Projection: t-SNE (n_components=2)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=10.0)
Unclustered samples
0 0 3 7 20 71
0 0 0 3 6 28
0 0 0 0 0 3
0 0 0 0 0 0
Number of Clusters
52 72 113 160 231 299
68 83 127 184 286 396
139 165 188 254 416 698
409 531 594 661 777 1315
Number of Edges
40 75 110 120 139 128
94 142 221 274 378 413
331 474 555 726 1084 1557
3805 6914 8342 9689 11841 18789
Connected Components
20 15 37 57 117 190
9 7 12 24 58 128
9 2 2 4 10 50
7 1 1 1 1 4
Cluster Size Variation
13.9 10.3 6.9 4.8 3.4 2.0
15.6 11.6 8.3 6.1 4.2 2.3
16.8 16.2 12.9 9.7 6.0 3.5
20.8 19.6 17.0 15.6 12.8 7.5
Combined Score
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
perc_overlap
0.1
0.25
0.5
0.75
5 10 15 20 30 50
n_cubes (intervals)

Projection: t-SNE (n_components=2)

Clustering: Hierarchical Agglomerative Clustering (distance_threshold=30.0)




Projection: t-SNE (n_components=2)
Clustering: Hierarchical Agglomerative Clustering (distance_threshold=50.0)
Unclustered samples
0 0 3 7 20 71
0 0 0 3 6 28
0 0 0 0 0 3
0 0 0 0 0 0
Number of Clusters
22 66 113 160 231 299
22 68 127 184 286 396
25 82 151 238 415 698
25 97 193 329 631 1309
Number of Edges
28 74 110 120 139 128
51 129 221 274 378 413
72 255 457 693 1082 1557
252 1547 3246 5505 10073 18719
Connected Components
2 12 37 57 117 190
2 4 12 24 58 128
1 1 2 3 10 50
1 1 1 1 1 4
Cluster Size Variation
26.1 11.1 6.9 4.8 3.4 2.0
33.8 13.6 8.3 6.1 4.2 2.3
67.9 23.9 14.3 10.1 6.1 3.5
155.6 63.4 32.3 23.5 14.2 7.5
Combined Score
0.74 0.00 0.00 0.00 0.00 0.00
0.51 0.00 0.00 0.00 0.00 0.00
0.30 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
perc_overlap
0.1
0.25
0.5
0.75
5 10 15 20 30 50
n_cubes (intervals)